

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019829.D
 Acq On : 09 Oct 2024 11:04
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 05:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:14:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	399493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	686198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	579144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	274774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90500	18.398	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	36.800%#	
35) Dibromofluoromethane	7.634	113	82440	18.206	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	36.420%#	
50) Toluene-d8	10.103	98	311327	18.618	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	37.240%#	
62) 4-Bromofluorobenzene	12.401	95	110377	18.268	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	36.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	65577	17.633	ug/l	99
3) Chloromethane	2.068	50	82646	17.075	ug/l	93
4) Vinyl Chloride	2.208	62	92581	17.381	ug/l	96
5) Bromomethane	2.592	94	57060	16.925	ug/l	90
6) Chloroethane	2.732	64	62255	17.398	ug/l	99
7) Trichlorofluoromethane	3.056	101	138779	17.510	ug/l	99
8) Diethyl Ether	3.458	74	42857	17.792	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	81370	17.650	ug/l	100
10) Methyl Iodide	4.000	142	82834	17.766	ug/l	99
11) Tert butyl alcohol	4.854	59	45691	104.433	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	72442	16.903	ug/l	94
13) Acrolein	3.653	56	36692	101.515	ug/l	98
14) Allyl chloride	4.385	41	134749	17.426	ug/l	100
15) Acrylonitrile	5.061	53	95289	86.488	ug/l	99
16) Acetone	3.872	43	107331	83.821	ug/l	96
17) Carbon Disulfide	4.104	76	190574	16.590	ug/l	100
18) Methyl Acetate	4.391	43	48137	17.451	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	213153	17.312	ug/l	98
20) Methylene Chloride	4.616	84	88015	17.032	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	81678	17.511	ug/l	97
22) Diisopropyl ether	6.018	45	299406	17.776	ug/l	94
23) Vinyl Acetate	5.964	43	832605	86.226	ug/l	99
24) 1,1-Dichloroethane	5.915	63	163823	17.497	ug/l	98
25) 2-Butanone	6.890	43	148441	86.607	ug/l	99
26) 2,2-Dichloropropane	6.884	77	145596	17.461	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	100404	17.418	ug/l	98
28) Bromochloromethane	7.244	49	80239	19.470	ug/l	99
29) Tetrahydrofuran	7.262	42	83724	85.552	ug/l	100
30) Chloroform	7.421	83	168532	17.658	ug/l	93
31) Cyclohexane	7.701	56	137858	16.773	ug/l #	95
32) 1,1,1-Trichloroethane	7.622	97	146196	17.478	ug/l	99
36) 1,1-Dichloropropene	7.835	75	113949	17.467	ug/l	99
37) Ethyl Acetate	6.982	43	59463	17.481	ug/l	98
38) Carbon Tetrachloride	7.817	117	122286	17.486	ug/l	98
39) Methylcyclohexane	9.109	83	140509	17.094	ug/l	95
40) Benzene	8.079	78	352281	17.843	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019829.D
 Acq On : 09 Oct 2024 11:04
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 05:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:14:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	33626	18.264	ug/l	94
42) 1,2-Dichloroethane	8.158	62	100933	17.795	ug/l	100
43) Isopropyl Acetate	8.195	43	119654	17.248	ug/l	100
44) Trichloroethene	8.865	130	82242	17.199	ug/l	98
45) 1,2-Dichloropropane	9.140	63	88245	17.858	ug/l	97
46) Dibromomethane	9.231	93	47694	17.665	ug/l	99
47) Bromodichloromethane	9.420	83	125156	17.464	ug/l	99
48) Methyl methacrylate	9.219	41	51848	16.991	ug/l	97
49) 1,4-Dioxane	9.225	88	10924	361.508	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	302570	85.508	ug/l	100
52) Toluene	10.170	92	219564	17.816	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	112037	17.376	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	134322	17.655	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	63230	17.776	ug/l	96
56) Ethyl methacrylate	10.438	69	86703	16.987	ug/l	99
57) 1,3-Dichloropropane	10.713	76	109903	17.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	224798	94.607	ug/l	99
59) 2-Hexanone	10.755	43	219312	86.777	ug/l	100
60) Dibromochloromethane	10.908	129	80781	17.693	ug/l	97
61) 1,2-Dibromoethane	11.011	107	56934	17.712	ug/l	99
64) Tetrachloroethene	10.646	164	73174	17.763	ug/l	95
65) Chlorobenzene	11.438	112	239056	18.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	81007	18.075	ug/l	99
67) Ethyl Benzene	11.517	91	431084	17.915	ug/l	99
68) m/p-Xylenes	11.627	106	320381	36.051	ug/l	99
69) o-Xylene	11.950	106	154055	18.042	ug/l	99
70) Styrene	11.969	104	259526	18.015	ug/l	99
71) Bromoform	12.127	173	41644	17.357	ug/l #	99
73) Isopropylbenzene	12.249	105	416954	18.041	ug/l	99
74) N-amyl acetate	12.066	43	106042	17.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	72967	17.768	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	57760m	20.240	ug/l	
77) Bromobenzene	12.529	156	86210	17.578	ug/l	99
78) n-propylbenzene	12.590	91	507193	18.161	ug/l	100
79) 2-Chlorotoluene	12.676	91	286378	17.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	337042	18.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	22618	16.960	ug/l	99
82) 4-Chlorotoluene	12.773	91	291230	17.790	ug/l	100
83) tert-Butylbenzene	12.993	119	297787	17.809	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	332348	17.959	ug/l	99
85) sec-Butylbenzene	13.170	105	440520	17.633	ug/l	100
86) p-Isopropyltoluene	13.285	119	359998	17.746	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	175584	17.728	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	172734	17.752	ug/l	98
89) n-Butylbenzene	13.615	91	349496	17.644	ug/l	100
90) Hexachloroethane	13.877	117	67690	17.136	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	155633	17.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11020	16.814	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	83360	17.083	ug/l	99
94) Hexachlorobutadiene	15.023	225	46439	17.117	ug/l	97
95) Naphthalene	15.139	128	152742	16.596	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	69691	16.894	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
Data File : VY019829.D
Acq On : 09 Oct 2024 11:04
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 05:16:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

