

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021311.D
 Acq On : 25 Feb 2025 13:26
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:44:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	188363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	293434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	130546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	41320	19.337	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.680%#		
35) Dibromofluoromethane	7.634	113	37265	19.371	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.740%#		
50) Toluene-d8	10.103	98	144409	19.423	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.840%#		
62) 4-Bromofluorobenzene	12.408	95	47417	18.950	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	32511	18.204	ug/l	96
3) Chloromethane	2.068	50	42633	18.484	ug/l	97
4) Vinyl Chloride	2.202	62	41719	18.429	ug/l	100
5) Bromomethane	2.586	94	27198	18.079	ug/l	98
6) Chloroethane	2.726	64	26161	18.635	ug/l	99
7) Trichlorofluoromethane	3.056	101	63170	18.477	ug/l	95
8) Diethyl Ether	3.452	74	19564	19.066	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	37017	18.701	ug/l	99
10) Methyl Iodide	4.001	142	36945	17.741	ug/l	99
11) Tert butyl alcohol	4.860	59	15935	96.952	ug/l	96
12) 1,1-Dichloroethene	3.787	96	34827	18.376	ug/l	98
13) Acrolein	3.647	56	22079	175.300	ug/l	100
14) Allyl chloride	4.379	41	61887	18.417	ug/l	98
15) Acrylonitrile	5.061	53	43763	96.460	ug/l	99
16) Acetone	3.866	43	35506	86.623	ug/l	96
17) Carbon Disulfide	4.104	76	116030	18.437	ug/l	99
18) Methyl Acetate	4.379	43	19534	19.500	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	95488	19.069	ug/l	97
20) Methylene Chloride	4.616	84	40630	18.331	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	38218	18.317	ug/l	98
22) Diisopropyl ether	6.019	45	132039	18.989	ug/l	97
23) Vinyl Acetate	5.958	43	393629	94.730	ug/l	99
24) 1,1-Dichloroethane	5.909	63	72428	18.480	ug/l	99
25) 2-Butanone	6.890	43	58941	95.278	ug/l	98
26) 2,2-Dichloropropane	6.884	77	63686	17.908	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	44297	18.592	ug/l	98
28) Bromochloromethane	7.244	49	32987	19.022	ug/l	99
29) Tetrahydrofuran	7.256	42	39775	98.365	ug/l	98
30) Chloroform	7.421	83	73639	18.543	ug/l	96
31) Cyclohexane	7.701	56	68531	18.191	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	67011	18.538	ug/l	98
36) 1,1-Dichloropropene	7.835	75	53995	18.685	ug/l	100
37) Ethyl Acetate	6.982	43	27188	18.914	ug/l	98
38) Carbon Tetrachloride	7.817	117	59733	18.387	ug/l	98
39) Methylcyclohexane	9.103	83	68516	18.746	ug/l	98
40) Benzene	8.079	78	159536	18.676	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021311.D
 Acq On : 25 Feb 2025 13:26
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:44:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	14108	17.554	ug/l	92
42) 1,2-Dichloroethane	8.152	62	46152	19.043	ug/l	99
43) Isopropyl Acetate	8.195	43	54484	19.583	ug/l	98
44) Trichloroethene	8.866	130	40005	18.706	ug/l	93
45) 1,2-Dichloropropane	9.140	63	38611	18.782	ug/l	100
46) Dibromomethane	9.231	93	21421	19.063	ug/l	99
47) Bromodichloromethane	9.420	83	56033	18.701	ug/l	98
48) Methyl methacrylate	9.219	41	24461	18.801	ug/l	97
49) 1,4-Dioxane	9.225	88	5308	424.825	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	140187	98.430	ug/l	100
52) Toluene	10.170	92	100050	18.854	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	50957	18.563	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	61967	19.122	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	27942	19.088	ug/l	99
56) Ethyl methacrylate	10.438	69	36997	18.291	ug/l	95
57) 1,3-Dichloropropane	10.713	76	49499	19.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	93377	96.179	ug/l	100
59) 2-Hexanone	10.762	43	90882	97.163	ug/l	100
60) Dibromochloromethane	10.908	129	37808	18.964	ug/l	99
61) 1,2-Dibromoethane	11.012	107	26519	19.135	ug/l	99
64) Tetrachloroethene	10.646	164	36387	18.595	ug/l	97
65) Chlorobenzene	11.438	112	107621	18.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	37487	18.422	ug/l	99
67) Ethyl Benzene	11.518	91	189052	18.366	ug/l	99
68) m/p-Xylenes	11.627	106	144073	37.210	ug/l	99
69) o-Xylene	11.950	106	67060	18.488	ug/l	100
70) Styrene	11.969	104	113033	18.729	ug/l	99
71) Bromoform	12.133	173	21886	18.800	ug/l #	99
73) Isopropylbenzene	12.255	105	179489	18.288	ug/l	99
74) N-amyl acetate	12.072	43	47224	18.930	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	32419	18.717	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	23402m	17.801	ug/l	
77) Bromobenzene	12.530	156	42078	18.433	ug/l	99
78) n-propylbenzene	12.597	91	220158	18.486	ug/l	100
79) 2-Chlorotoluene	12.676	91	125969	18.430	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	150004	18.635	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10866	18.483	ug/l	99
82) 4-Chlorotoluene	12.780	91	130335	18.396	ug/l	100
83) tert-Butylbenzene	12.999	119	135829	18.681	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	149358	18.657	ug/l	99
85) sec-Butylbenzene	13.176	105	196335	18.486	ug/l	100
86) p-Isopropyltoluene	13.292	119	165127	18.620	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	83463	18.483	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	83179	18.646	ug/l	99
89) n-Butylbenzene	13.615	91	153032	18.337	ug/l	100
90) Hexachloroethane	13.877	117	33341	17.998	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	73513	18.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5181	18.908	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	42908	17.770	ug/l	99
94) Hexachlorobutadiene	15.023	225	27015	17.771	ug/l	99
95) Naphthalene	15.145	128	71044	17.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	36460	17.871	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
Data File : VY021311.D
Acq On : 25 Feb 2025 13:26
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:44:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

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

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

