

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019776.D
 Acq On : 03 Oct 2024 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 04 01:21:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024
 Supervised By :Semsettin Yesilyurt 10/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	277386	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	478984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	402421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146597	57.074	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	114.140%	
35) Dibromofluoromethane	7.634	113	147181	54.195	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	108.400%	
50) Toluene-d8	10.109	98	527753	52.539	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	105.080%	
62) 4-Bromofluorobenzene	12.402	95	192072	49.729	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	99.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	62382	40.357	ug/l	97
3) Chloromethane	2.074	50	103723	45.196	ug/l	97
4) Vinyl Chloride	2.208	62	124518	50.176	ug/l	97
5) Bromomethane	2.598	94	86901	57.009	ug/l	100
6) Chloroethane	2.739	64	90893	56.028	ug/l	100
7) Trichlorofluoromethane	3.062	101	214578	51.872	ug/l	96
8) Diethyl Ether	3.458	74	68853	49.585	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.824	101	133849	52.305	ug/l	95
10) Methyl Iodide	4.007	142	137411	41.882	ug/l	93
11) Tert butyl alcohol	4.872	59	53621	258.502	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	122188	49.649	ug/l	88
13) Acrolein	3.659	56	10668	98.125	ug/l	98
14) Allyl chloride	4.391	41	220059	49.862	ug/l	# 92
15) Acrylonitrile	5.061	53	152829	255.255	ug/l	98
16) Acetone	3.873	43	180576	295.100	ug/l	88
17) Carbon Disulfide	4.110	76	294396	44.275	ug/l	99
18) Methyl Acetate	4.385	43	81857	49.294	ug/l	91
19) Methyl tert-butyl Ether	5.122	73	358116	51.378	ug/l	100
20) Methylene Chloride	4.629	84	136678	48.977	ug/l	90
21) trans-1,2-Dichloroethene	5.122	96	134989	50.042	ug/l	88
22) Diisopropyl ether	6.019	45	483478	53.347	ug/l	91
23) Vinyl Acetate	5.964	43	1340782	259.007	ug/l	# 93
24) 1,1-Dichloroethane	5.921	63	274001	53.878	ug/l	99
25) 2-Butanone	6.896	43	232685	267.362	ug/l	# 85
26) 2,2-Dichloropropane	6.890	77	252349	55.010	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	172113	52.526	ug/l	86
28) Bromochloromethane	7.244	49	134686	62.944	ug/l	# 81
29) Tetrahydrofuran	7.262	42	130036	245.743	ug/l	# 85
30) Chloroform	7.421	83	286002	55.090	ug/l	99
31) Cyclohexane	7.701	56	213793	46.509	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	249438	53.604	ug/l	95
36) 1,1-Dichloropropene	7.835	75	192300	52.038	ug/l	97
37) Ethyl Acetate	6.988	43	92312	48.754	ug/l	96
38) Carbon Tetrachloride	7.823	117	219439	52.659	ug/l	98
39) Methylcyclohexane	9.109	83	238046	48.406	ug/l	90
40) Benzene	8.079	78	585939	51.480	ug/l	99

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QLast Update : Mon Sep 09 16:00:30 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	45640	41.351	ug/l	94
42) 1,2-Dichloroethane	8.158	62	166578	54.389	ug/l	95
43) Isopropyl Acetate	8.201	43	194582	48.916	ug/l	91
44) Trichloroethene	8.866	130	148711	50.803	ug/l	90
45) 1,2-Dichloropropane	9.140	63	145409	52.257	ug/l	99
46) Dibromomethane	9.231	93	80392	52.832	ug/l	92
47) Bromodichloromethane	9.420	83	218739	53.477	ug/l	99
48) Methyl methacrylate	9.219	41	88329	47.021	ug/l	84
49) 1,4-Dioxane	9.231	88	17549	979.664	ug/l #	88
51) 4-Methyl-2-Pentanone	10.000	43	495563	247.627	ug/l	90
52) Toluene	10.170	92	379198	51.802	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	195600	50.164	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	231321	50.949	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	108540	51.652	ug/l	95
56) Ethyl methacrylate	10.438	69	155340	48.664	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	183926	50.920	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	405075	273.414	ug/l	97
59) 2-Hexanone	10.762	43	357411	243.604	ug/l	89
60) Dibromochloromethane	10.908	129	140928	50.698	ug/l	100
61) 1,2-Dibromoethane	11.012	107	96485	49.279	ug/l	98
64) Tetrachloroethene	10.646	164	124715	50.046	ug/l	93
65) Chlorobenzene	11.438	112	417754	52.774	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	145811	53.201	ug/l	97
67) Ethyl Benzene	11.518	91	751430	53.425	ug/l	99
68) m/p-Xylenes	11.627	106	556737	104.682	ug/l	93
69) o-Xylene	11.950	106	265969	51.136	ug/l	92
70) Styrene	11.969	104	456809	52.019	ug/l	96
71) Bromoform	12.127	173	75068	47.954	ug/l #	100
73) Isopropylbenzene	12.249	105	729142	52.107	ug/l	99
74) N-ethyl acetate	12.066	43	179699	47.218	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	126477	50.922	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	84406m	46.687	ug/l	
77) Bromobenzene	12.530	156	152337	49.085	ug/l	88
78) n-propylbenzene	12.591	91	879123	53.004	ug/l	98
79) 2-Chlorotoluene	12.676	91	497182	51.437	ug/l	96
80) 1,3,5-Trimethylbenzene	12.731	105	589681	51.836	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	40693	43.210	ug/l	90
82) 4-Chlorotoluene	12.773	91	507620	51.083	ug/l	96
83) tert-Butylbenzene	12.993	119	529629	51.427	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	579966	51.504	ug/l	98
85) sec-Butylbenzene	13.170	105	787940	52.666	ug/l	99
86) p-Isopropyltoluene	13.286	119	642164	52.462	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	311449	51.645	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	306120	51.149	ug/l	97
89) n-Butylbenzene	13.615	91	620839	53.055	ug/l	99
90) Hexachloroethane	13.877	117	126506	49.670	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	271482	50.448	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	18899	45.656	ug/l	79
93) 1,2,4-Trichlorobenzene	14.913	180	154506	47.206	ug/l	98
94) Hexachlorobutadiene	15.017	225	85849	49.099	ug/l	98
95) Naphthalene	15.139	128	287023	43.790	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	129169	46.138	ug/l	98

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

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