

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018648.D
 Acq On : 20 Jun 2024 10:21
 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: Jun 21 01:44:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh

Dadoda

06/21/2024

Supervised By :Semsettin

Yesilyurt

06/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	144133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	240867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109794	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.130	65	67204	46.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.620%
35) Dibromofluoromethane	7.703	113	68748	46.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.580%
50) Toluene-d8	10.172	98	268922	47.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.477	95	87988	49.313	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	45214	47.629	ug/l	99
3) Chloromethane	2.107	50	90050	46.058	ug/l	99
4) Vinyl Chloride	2.241	62	110040	45.448	ug/l	98
5) Bromomethane	2.637	94	76015	42.238	ug/l	93
6) Chloroethane	2.777	64	72466	45.688	ug/l	99
7) Trichlorofluoromethane	3.107	101	128157	49.153	ug/l	98
8) Diethyl Ether	3.515	74	37655	50.650	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	67532	49.572	ug/l	98
10) Methyl Iodide	4.076	142	79480	48.276	ug/l	99
11) Tert butyl alcohol	4.942	59	29803	114.179	ug/l #	78
12) 1,1-Dichloroethene	3.850	96	66183	48.342	ug/l	95
13) Acrolein	3.716	56	23076	274.988	ug/l	98
14) Allyl chloride	4.460	41	90185	48.863	ug/l	97
15) Acrylonitrile	5.143	53	92476	279.618	ug/l	99
16) Acetone	3.930	43	100801	341.429	ug/l	91
17) Carbon Disulfide	4.180	76	183013	44.341	ug/l	98
18) Methyl Acetate	4.466	43	47358	63.241	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	177107	48.496	ug/l	100
20) Methylene Chloride	4.698	84	81407	43.594	ug/l	94
21) trans-1,2-Dichloroethene	5.198	96	76104	48.832	ug/l	97
22) Diisopropyl ether	6.106	45	201348	48.323	ug/l	95
23) Vinyl Acetate	6.039	43	888938	230.153	ug/l	98
24) 1,1-Dichloroethane	5.996	63	128375	47.823	ug/l	99
25) 2-Butanone	6.972	43	130225	294.267	ug/l	95
26) 2,2-Dichloropropane	6.960	77	105542	46.667	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	90825	48.248	ug/l	100
28) Bromochloromethane	7.319	49	53660	48.771	ug/l	98
29) Tetrahydrofuran	7.338	42	78184	287.887	ug/l	95
30) Chloroform	7.496	83	139203	47.583	ug/l	100
31) Cyclohexane	7.770	56	100595	45.255	ug/l	99
32) 1,1,1-Trichloroethane	7.685	97	120693	48.563	ug/l	98
36) 1,1-Dichloropropene	7.905	75	96610	47.768	ug/l	99
37) Ethyl Acetate	7.063	43	52285	54.841	ug/l	98
38) Carbon Tetrachloride	7.892	117	107022	50.438	ug/l	98
39) Methylcyclohexane	9.173	83	117386	47.369	ug/l	97
40) Benzene	8.148	78	307018	49.085	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	27279	56.889	ug/l	95
42) 1,2-Dichloroethane	8.228	62	79463	48.696	ug/l	99
43) Isopropyl Acetate	8.264	43	98639	55.431	ug/l	94
44) Trichloroethene	8.929	130	80929	49.420	ug/l	96
45) 1,2-Dichloropropane	9.209	63	69531	48.615	ug/l	98
46) Dibromomethane	9.295	93	45426	51.188	ug/l	98
47) Bromodichloromethane	9.490	83	105524	49.821	ug/l	99
48) Methyl methacrylate	9.282	41	43421	54.201	ug/l	95
49) 1,4-Dioxane	9.289	88	13118	1123.943	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	269140	287.135	ug/l	99
52) Toluene	10.240	92	201732	50.234	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	102930	55.609	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	116163	52.005	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	62791	53.196	ug/l	96
56) Ethyl methacrylate	10.502	69	89209	57.756	ug/l #	78
57) 1,3-Dichloropropane	10.782	76	108004	55.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	192691	258.417	ug/l	96
59) 2-Hexanone	10.825	43	202785	308.857	ug/l	98
60) Dibromochloromethane	10.977	129	82997	56.604	ug/l	100
61) 1,2-Dibromoethane	11.081	107	60693	55.637	ug/l	100
64) Tetrachloroethene	10.715	164	77440	49.233	ug/l	97
65) Chlorobenzene	11.514	112	224565	49.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	78823	51.630	ug/l	99
67) Ethyl Benzene	11.587	91	639279	80.872	ug/l #	86
68) m/p-Xylenes	11.697	106	302361	98.300	ug/l	98
69) o-Xylene	12.026	106	145451	49.174	ug/l	94
70) Styrene	12.038	104	252788	51.732	ug/l	95
71) Bromoform	12.203	173	50644	60.456	ug/l #	97
73) Isopropylbenzene	12.325	105	364450	45.457	ug/l	99
74) N-amyl acetate	12.142	43	83985	51.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	72295	50.784	ug/l	90
76) 1,2,3-Trichloropropane	12.629	75	85216m	82.741	ug/l	
77) Bromobenzene	12.605	156	95409	51.457	ug/l	100
78) n-propylbenzene	12.666	91	393717	41.961	ug/l	95
79) 2-Chlorotoluene	12.751	91	226876	42.835	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	275830	43.409	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	25480	64.803	ug/l #	86
82) 4-Chlorotoluene	12.849	91	228271	42.799	ug/l	95
83) tert-Butylbenzene	13.074	119	269754	45.869	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.117	105	297214	46.798	ug/l	97
85) sec-Butylbenzene	13.251	105	355135	42.340	ug/l	96
86) p-Isopropyltoluene	13.367	119	358411	50.403	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	175045	46.806	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	172451	46.991	ug/l	98
89) n-Butylbenzene	13.690	91	275169	42.932	ug/l	97
90) Hexachloroethane	13.958	117	63070	48.824	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	155160	48.567	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12813	62.158	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	89003	50.006	ug/l	99
94) Hexachlorobutadiene	15.105	225	45427	49.674	ug/l	99
95) Naphthalene	15.233	128	194006	58.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	77162	51.310	ug/l	99

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

