

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018251.D
 Acq On : 14 May 2024 11:21
 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: May 15 04:11:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	211069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85034	54.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.520%
35) Dibromofluoromethane	7.716	113	92909	49.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.179	98	375005	51.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.483	95	116004	49.038	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	74187	44.321	ug/l	97
3) Chloromethane	2.113	50	100375	44.797	ug/l	100
4) Vinyl Chloride	2.247	62	120034	44.192	ug/l	99
5) Bromomethane	2.650	94	83600	44.318	ug/l	98
6) Chloroethane	2.790	64	76722	44.507	ug/l	98
7) Trichlorofluoromethane	3.119	101	137240	43.136	ug/l	98
8) Diethyl Ether	3.521	74	44003	42.013	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	83757	41.307	ug/l	97
10) Methyl Iodide	4.082	142	98644	41.661	ug/l	99
11) Tert butyl alcohol	4.948	59	34179	250.462	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	86404	42.330	ug/l	89
13) Acrolein	3.722	56	40556	267.596	ug/l	100
14) Allyl chloride	4.472	41	113289	43.627	ug/l	98
15) Acrylonitrile	5.155	53	93190	231.370	ug/l	100
16) Acetone	3.936	43	88517	285.658	ug/l	91
17) Carbon Disulfide	4.186	76	240495	43.278	ug/l	98
18) Methyl Acetate	4.466	43	37033	41.955	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	200841	44.170	ug/l	97
20) Methylene Chloride	4.710	84	99381	45.375	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	92504	42.752	ug/l	93
22) Diisopropyl ether	6.112	45	240376	43.637	ug/l	96
23) Vinyl Acetate	6.051	43	778854	232.627	ug/l	98
24) 1,1-Dichloroethane	6.015	63	144586	42.616	ug/l	100
25) 2-Butanone	6.978	43	122623	247.560	ug/l	93
26) 2,2-Dichloropropane	6.972	77	133332	43.420	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	106637	41.703	ug/l	98
28) Bromochloromethane	7.325	49	64390	47.482	ug/l	99
29) Tetrahydrofuran	7.344	42	75100	229.692	ug/l	96
30) Chloroform	7.502	83	149194	42.122	ug/l	96
31) Cyclohexane	7.783	56	131010	43.072	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	136109	42.874	ug/l	99
36) 1,1-Dichloropropene	7.911	75	113932	42.754	ug/l	99
37) Ethyl Acetate	7.069	43	53090	47.334	ug/l	98
38) Carbon Tetrachloride	7.899	117	121142	41.604	ug/l	97
39) Methylcyclohexane	9.179	83	159459	41.478	ug/l	98
40) Benzene	8.155	78	357596	41.718	ug/l	98

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41) Methacrylonitrile	7.295	41	26062	40.239	ug/l	96
42) 1,2-Dichloroethane	8.234	62	84473	45.293	ug/l	99
43) Isopropyl Acetate	8.270	43	104898	45.628	ug/l	94
44) Trichloroethene	8.935	130	95234	40.813	ug/l	99
45) 1,2-Dichloropropane	9.215	63	77612	41.415	ug/l	99
46) Dibromomethane	9.301	93	46116	42.806	ug/l	98
47) Bromodichloromethane	9.496	83	112771	42.342	ug/l	99
48) Methyl methacrylate	9.289	41	46697	44.319	ug/l	94
49) 1,4-Dioxane	9.295	88	12383	865.935	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	268836	232.661	ug/l	95
52) Toluene	10.246	92	230926	41.847	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	108616	43.661	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	127613	41.965	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	63783	43.098	ug/l	97
56) Ethyl methacrylate	10.508	69	88256	43.909	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	104561	43.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	256260	267.002	ug/l	96
59) 2-Hexanone	10.831	43	196587	243.324	ug/l	93
60) Dibromochloromethane	10.983	129	81191	42.285	ug/l	98
61) 1,2-Dibromoethane	11.087	107	58958	42.295	ug/l	99
64) Tetrachloroethene	10.721	164	81245	40.379	ug/l	93
65) Chlorobenzene	11.514	112	254007	41.270	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	83143	41.762	ug/l	98
67) Ethyl Benzene	11.593	91	429032	41.285	ug/l	97
68) m/p-Xylenes	11.703	106	342162	83.261	ug/l	96
69) o-Xylene	12.032	106	164117	41.614	ug/l	94
70) Styrene	12.044	104	273807	41.574	ug/l	98
71) Bromoform	12.209	173	45376	41.193	ug/l #	98
73) Isopropylbenzene	12.331	105	417606	41.146	ug/l	99
74) N-amyl acetate	12.142	43	92779	44.036	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	69000	42.618	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	49706m	45.874	ug/l	
77) Bromobenzene	12.611	156	94967	40.730	ug/l	97
78) n-propylbenzene	12.672	91	491654	41.647	ug/l	97
79) 2-Chlorotoluene	12.757	91	265338	40.448	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	330080	41.244	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	24136	42.917	ug/l	99
82) 4-Chlorotoluene	12.855	91	264732	40.175	ug/l	94
83) tert-Butylbenzene	13.074	119	300468	40.703	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	325679	41.543	ug/l	99
85) sec-Butylbenzene	13.257	105	450093	41.568	ug/l	99
86) p-Isopropyltoluene	13.373	119	369708	41.504	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	185279	41.147	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	184815	42.102	ug/l	99
89) n-Butylbenzene	13.696	91	342576	42.495	ug/l	99
90) Hexachloroethane	13.965	117	70065	40.093	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	161609	41.757	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9302	42.194	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	93891	43.153	ug/l	98
94) Hexachlorobutadiene	15.111	225	50223	41.836	ug/l	98
95) Naphthalene	15.239	128	179490	45.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	79048	44.270	ug/l	99

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