

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018235.D
 Acq On : 10 May 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/13/2024
 Supervised By :Semsettin Yesilyurt 05/13/2024

Quant Time: May 11 01:02:40 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	181811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85323	63.792	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	127.580%	
35) Dibromofluoromethane	7.716	113	92779	56.961	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	113.920%	
50) Toluene-d8	10.179	98	367766	57.298	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	114.600%	
62) 4-Bromofluorobenzene	12.483	95	117138	56.512	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	113.020%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	74770	51.857	ug/l	98
3) Chloromethane	2.113	50	118289	61.287	ug/l	98
4) Vinyl Chloride	2.247	62	135993	58.124	ug/l	98
5) Bromomethane	2.650	94	92133	56.701	ug/l	96
6) Chloroethane	2.790	64	86842	58.485	ug/l	94
7) Trichlorofluoromethane	3.119	101	146335	53.397	ug/l	97
8) Diethyl Ether	3.521	74	52061	57.706	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	88517	50.680	ug/l	99
10) Methyl Iodide	4.088	142	110184	54.023	ug/l	99
11) Tert butyl alcohol	4.954	59	41784	360.676	ug/l	98
12) 1,1-Dichloroethene	3.869	96	93957	53.437	ug/l	98
13) Acrolein	3.723	56	64253	496.059	ug/l	100
14) Allyl chloride	4.472	41	127182	56.859	ug/l	97
15) Acrylonitrile	5.149	53	111622	321.730	ug/l	99
16) Acetone	3.936	43	118957	445.671	ug/l	93
17) Carbon Disulfide	4.192	76	294374	61.498	ug/l	99
18) Methyl Acetate	4.472	43	46075	60.598	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	228602	58.366	ug/l	99
20) Methylene Chloride	4.710	84	114392	60.633	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	105712	56.718	ug/l	94
22) Diisopropyl ether	6.112	45	263087	55.445	ug/l	96
23) Vinyl Acetate	6.051	43	878512	304.618	ug/l	98
24) 1,1-Dichloroethane	6.009	63	160008	54.750	ug/l	100
25) 2-Butanone	6.978	43	157139	368.296	ug/l	97
26) 2,2-Dichloropropane	6.978	77	138499	52.361	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	120687	54.793	ug/l	96
28) Bromochloromethane	7.326	49	61334	52.507	ug/l	97
29) Tetrahydrofuran	7.344	42	90903	322.766	ug/l	94
30) Chloroform	7.502	83	165576	54.270	ug/l	99
31) Cyclohexane	7.783	56	140997	54.377	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	143861	52.608	ug/l	99
36) 1,1-Dichloropropene	7.911	75	123005	52.679	ug/l	99
37) Ethyl Acetate	7.069	43	62442	63.536	ug/l	98
38) Carbon Tetrachloride	7.899	117	127805	50.092	ug/l	96
39) Methylcyclohexane	9.185	83	173454	51.491	ug/l	98
40) Benzene	8.155	78	402297	53.562	ug/l	99

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41) Methacrylonitrile	7.301	41	29865	52.624	ug/l	97
42) 1,2-Dichloroethane	8.234	62	93306	57.096	ug/l	98
43) Isopropyl Acetate	8.270	43	122573	60.847	ug/l	94
44) Trichloroethene	8.935	130	106730	52.200	ug/l	95
45) 1,2-Dichloropropane	9.215	63	87184	53.095	ug/l	100
46) Dibromomethane	9.307	93	51944	55.027	ug/l	98
47) Bromodichloromethane	9.496	83	124022	53.144	ug/l	98
48) Methyl methacrylate	9.289	41	56458	61.152	ug/l	93
49) 1,4-Dioxane	9.301	88	14721	1174.836	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	310215	306.393	ug/l	95
52) Toluene	10.246	92	254185	52.569	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	120461	55.262	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	145570	54.632	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	70673	54.499	ug/l	98
56) Ethyl methacrylate	10.508	69	100895	57.288	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	117646	55.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	225821	268.521	ug/l	96
59) 2-Hexanone	10.831	43	240622	339.896	ug/l	93
60) Dibromochloromethane	10.983	129	92016	54.691	ug/l	96
61) 1,2-Dibromoethane	11.087	107	66940	54.805	ug/l	97
64) Tetrachloroethene	10.721	164	90825	50.720	ug/l	98
65) Chlorobenzene	11.520	112	279490	51.023	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	89138	50.308	ug/l	99
67) Ethyl Benzene	11.593	91	466430	50.432	ug/l	95
68) m/p-Xylenes	11.703	106	372487	101.843	ug/l	96
69) o-Xylene	12.032	106	177257	50.502	ug/l	95
70) Styrene	12.044	104	301030	51.357	ug/l	98
71) Bromoform	12.209	173	51271	52.298	ug/l #	97
73) Isopropylbenzene	12.331	105	446254	48.123	ug/l	97
74) N-ethyl acetate	12.148	43	107754	55.976	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	79397	53.673	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	49481m	49.981	ug/l	
77) Bromobenzene	12.611	156	106158	49.832	ug/l	96
78) n-propylbenzene	12.672	91	527747	48.929	ug/l	98
79) 2-Chlorotoluene	12.757	91	290072	48.396	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	353772	48.381	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27288	53.106	ug/l	92
82) 4-Chlorotoluene	12.855	91	292082	48.514	ug/l	96
83) tert-Butylbenzene	13.081	119	332441	49.290	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	353814	49.396	ug/l	99
85) sec-Butylbenzene	13.257	105	475550	48.068	ug/l	98
86) p-Isopropyltoluene	13.373	119	394630	48.488	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	204746	49.767	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	199204	49.668	ug/l	99
89) n-Butylbenzene	13.702	91	362444	49.207	ug/l	99
90) Hexachloroethane	13.965	117	75126	47.051	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	178835	50.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11067	54.944	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	105521	53.080	ug/l	98
94) Hexachlorobutadiene	15.117	225	53275	48.571	ug/l	97
95) Naphthalene	15.239	128	214977	59.015	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	89008	54.558	ug/l	98

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

