

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018028.D
 Acq On : 24 Apr 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/25/2024
 Supervised By :Semsettin Yesilyurt 04/25/2024

Quant Time: Apr 25 01:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	346846	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	526785	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	458654	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	214102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	145068	48.332	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.660%		
35) Dibromofluoromethane	7.728	113	171627	52.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.620%		
50) Toluene-d8	10.191	98	692599	56.163	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	112.320%		
62) 4-Bromofluorobenzene	12.489	95	201718	52.816	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	141384	51.382	ug/l	99
3) Chloromethane	2.119	50	199472	43.750	ug/l	97
4) Vinyl Chloride	2.259	62	234167	45.567	ug/l	98
5) Bromomethane	2.662	94	166776	48.757	ug/l	100
6) Chloroethane	2.802	64	153892	47.433	ug/l	97
7) Trichlorofluoromethane	3.137	101	293302	50.642	ug/l	95
8) Diethyl Ether	3.540	74	84722	46.293	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	192009	53.237	ug/l	98
10) Methyl Iodide	4.107	142	246263	51.324	ug/l	99
11) Tert butyl alcohol	4.960	59	39451	179.616	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	185652	53.024	ug/l	98
13) Acrolein	3.741	56	59935	256.394	ug/l	100
14) Allyl chloride	4.491	41	241962	53.401	ug/l	92
15) Acrylonitrile	5.174	53	169779	228.481	ug/l	99
16) Acetone	3.954	43	140170	236.349	ug/l	94
17) Carbon Disulfide	4.210	76	568572	51.047	ug/l	98
18) Methyl Acetate	4.491	43	64524	41.357	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	353491	46.325	ug/l	99
20) Methylene Chloride	4.729	84	199106	49.555	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	203503	53.058	ug/l	99
22) Diisopropyl ether	6.131	45	533266	53.685	ug/l	99
23) Vinyl Acetate	6.070	43	1470864	249.710	ug/l	98
24) 1,1-Dichloroethane	6.027	63	344087	53.054	ug/l	98
25) 2-Butanone	6.996	43	205844	236.133	ug/l	93
26) 2,2-Dichloropropane	6.996	77	284181	54.616	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	228605	52.187	ug/l	98
28) Bromochloromethane	7.344	49	131828	51.674	ug/l	95
29) Tetrahydrofuran	7.356	42	122395	221.251	ug/l	94
30) Chloroform	7.515	83	346341	52.251	ug/l	100
31) Cyclohexane	7.801	56	299498	52.204	ug/l	95
32) 1,1,1-Trichloroethane	7.716	97	294486	53.342	ug/l	98
36) 1,1-Dichloropropene	7.929	75	261167	55.257	ug/l	98
37) Ethyl Acetate	7.088	43	91365	46.985	ug/l	98
38) Carbon Tetrachloride	7.911	117	266046	55.716	ug/l	97
39) Methylcyclohexane	9.197	83	339756	55.162	ug/l	96
40) Benzene	8.173	78	812943	54.912	ug/l	99

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 Supervised By :Semsettin Yesilyurt 04/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	53463	43.572	ug/l	87
42) 1,2-Dichloroethane	8.246	62	168368	49.634	ug/l	99
43) Isopropyl Acetate	8.283	43	165716	45.718	ug/l	99
44) Trichloroethene	8.947	130	205815	54.708	ug/l	99
45) 1,2-Dichloropropane	9.228	63	189425	55.584	ug/l	100
46) Dibromomethane	9.313	93	93088	49.382	ug/l	97
47) Bromodichloromethane	9.508	83	251214	53.119	ug/l	99
48) Methyl methacrylate	9.301	41	79830	48.062	ug/l	94
49) 1,4-Dioxane	9.307	88	19446	903.639	ug/l #	90
51) 4-Methyl-2-Pentanone	10.081	43	452262	235.360	ug/l	98
52) Toluene	10.252	92	507240	55.835	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	222283	51.484	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	282153	53.197	ug/l	100
55) 1,1,2-Trichloroethane	10.654	97	128627	50.196	ug/l	96
56) Ethyl methacrylate	10.520	69	161350	48.299	ug/l	97
57) 1,3-Dichloropropane	10.801	76	221153	50.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	402809	231.967	ug/l	97
59) 2-Hexanone	10.837	43	333225	254.036	ug/l	96
60) Dibromochloromethane	10.990	129	167260	50.788	ug/l	99
61) 1,2-Dibromoethane	11.099	107	115683	48.441	ug/l	99
64) Tetrachloroethene	10.727	164	179097	54.510	ug/l	100
65) Chlorobenzene	11.526	112	546954	54.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	180903	54.577	ug/l	100
67) Ethyl Benzene	11.599	91	965149	57.023	ug/l	99
68) m/p-Xylenes	11.709	106	734392	112.970	ug/l	98
69) o-Xylene	12.038	106	340086	56.020	ug/l	98
70) Styrene	12.050	104	583132	56.833	ug/l	100
71) Bromoform	12.215	173	91655	47.859	ug/l #	98
73) Isopropylbenzene	12.337	105	909439	58.295	ug/l	99
74) N-amyl acetate	12.154	43	150230	47.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	139013	47.777	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	84620m	42.118	ug/l	
77) Bromobenzene	12.617	156	205247	54.365	ug/l	97
78) n-propylbenzene	12.678	91	1117408	59.033	ug/l	100
79) 2-Chlorotoluene	12.764	91	603745	56.985	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	714247	57.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	48427	49.698	ug/l	97
82) 4-Chlorotoluene	12.861	91	610493	55.637	ug/l	99
83) tert-Butylbenzene	13.081	119	649794	57.512	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	711139	57.726	ug/l	99
85) sec-Butylbenzene	13.264	105	991041	58.398	ug/l	99
86) p-Isopropyltoluene	13.379	119	819264	58.751	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	406642	54.286	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	395487	53.782	ug/l	99
89) n-Butylbenzene	13.702	91	775160	59.087	ug/l	100
90) Hexachloroethane	13.971	117	162205	56.726	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	340425	52.677	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	16197	43.278	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	189576	50.374	ug/l	99
94) Hexachlorobutadiene	15.123	225	120607	54.022	ug/l	98
95) Naphthalene	15.245	128	286362	46.175	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	156452	49.544	ug/l	99

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

