

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017253.D
 Acq On : 06 Feb 2024 09:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
 Supervised By :Semsettin Yesilyurt 02/07/2024

Quant Time: Feb 07 00:04:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	136934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	224618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	192618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	89191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60258	49.259	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.520%		
35) Dibromofluoromethane	7.728	113	65799	54.254	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.500%		
50) Toluene-d8	10.191	98	227609	51.546	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.100%		
62) 4-Bromofluorobenzene	12.496	95	72924	50.414	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	43948	42.336	ug/l	97
3) Chloromethane	2.119	50	79064	42.398	ug/l	97
4) Vinyl Chloride	2.260	62	94751	41.694	ug/l	100
5) Bromomethane	2.662	94	63008	39.998	ug/l	99
6) Chloroethane	2.802	64	62909	42.874	ug/l	99
7) Trichlorofluoromethane	3.137	101	105121	44.985	ug/l	98
8) Diethyl Ether	3.540	74	34022	46.286	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	67727	47.811	ug/l	100
10) Methyl Iodide	4.107	142	74725	50.178	ug/l	98
11) Tert butyl alcohol	4.966	59	21098	201.728	ug/l	99
12) 1,1-Dichloroethene	3.887	96	63078	47.523	ug/l	99
13) Acrolein	3.735	56	24030	236.440	ug/l	100
14) Allyl chloride	4.491	41	96236	47.959	ug/l	99
15) Acrylonitrile	5.174	53	76837	232.172	ug/l	99
16) Acetone	3.954	43	83768	232.987	ug/l	99
17) Carbon Disulfide	4.210	76	191650	45.232	ug/l	99
18) Methyl Acetate	4.491	43	40974	51.085	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	151754	47.472	ug/l	97
20) Methylene Chloride	4.735	84	72801	49.397	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	73054	48.381	ug/l	97
22) Diisopropyl ether	6.131	45	215363	48.873	ug/l	99
23) Vinyl Acetate	6.070	43	634518	237.644	ug/l	100
24) 1,1-Dichloroethane	6.033	63	128291	47.525	ug/l	98
25) 2-Butanone	6.997	43	107191	224.266	ug/l	98
26) 2,2-Dichloropropane	6.997	77	108084	48.137	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	82051	48.585	ug/l	99
28) Bromochloromethane	7.344	49	46696	45.178	ug/l	96
29) Tetrahydrofuran	7.362	42	62137	230.137	ug/l	100
30) Chloroform	7.515	83	130731	48.141	ug/l	99
31) Cyclohexane	7.795	56	112602	45.668	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	113430	48.561	ug/l	100
36) 1,1-Dichloropropene	7.929	75	101504	48.520	ug/l	99
37) Ethyl Acetate	7.082	43	44405	45.765	ug/l	98
38) Carbon Tetrachloride	7.911	117	99729	49.790	ug/l	98
39) Methylcyclohexane	9.197	83	123291	50.447	ug/l	99
40) Benzene	8.173	78	298986	50.047	ug/l	100

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Supervised By :Semsettin Yesilyurt 02/07/2024

Quant Time: Feb 07 00:04:53 2024

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Quant Title : SW846 8260

QLast Update : Fri Feb 02 00:56:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	22752	49.491	ug/l	93
42) 1,2-Dichloroethane	8.246	62	75719	47.871	ug/l	99
43) Isopropyl Acetate	8.283	43	81057	47.192	ug/l	100
44) Trichloroethene	8.954	130	76501	50.446	ug/l	97
45) 1,2-Dichloropropane	9.228	63	71517	48.737	ug/l	100
46) Dibromomethane	9.319	93	38684	48.803	ug/l	100
47) Bromodichloromethane	9.508	83	98334	49.570	ug/l	97
48) Methyl methacrylate	9.301	41	38815	48.179	ug/l	98
49) 1,4-Dioxane	9.313	88	7878	913.108	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	222967	242.166	ug/l	99
52) Toluene	10.258	92	182539	50.621	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	91995	49.371	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	111224	49.835	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	53229	49.356	ug/l	98
56) Ethyl methacrylate	10.520	69	67203	46.536	ug/l	99
57) 1,3-Dichloropropane	10.801	76	91067	49.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	179489	267.150	ug/l	100
59) 2-Hexanone	10.843	43	163671	245.834	ug/l	99
60) Dibromochloromethane	10.996	129	62623	49.497	ug/l	100
61) 1,2-Dibromoethane	11.099	107	48673	48.527	ug/l	100
64) Tetrachloroethene	10.734	164	62031	49.587	ug/l	97
65) Chlorobenzene	11.526	112	186351	50.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	69640	51.572	ug/l	99
67) Ethyl Benzene	11.605	91	347801	51.791	ug/l	99
68) m/p-Xylenes	11.715	106	266150	104.435	ug/l	99
69) o-Xylene	12.044	106	124062	52.863	ug/l	99
70) Styrene	12.057	104	204795	52.962	ug/l	99
71) Bromoform	12.221	173	35060	49.577	ug/l #	96
73) Isopropylbenzene	12.343	105	329126	50.231	ug/l	100
74) N-amyl acetate	12.154	43	69156	46.973	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	60122	46.652	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	35171m	42.724	ug/l	
77) Bromobenzene	12.624	156	69462	47.793	ug/l	98
78) n-propylbenzene	12.685	91	402985	50.076	ug/l	100
79) 2-Chlorotoluene	12.770	91	217131	49.078	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	264458	50.749	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	18495	46.683	ug/l	99
82) 4-Chlorotoluene	12.867	91	221063	48.549	ug/l	98
83) tert-Butylbenzene	13.087	119	228243	51.096	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	258539	50.263	ug/l	98
85) sec-Butylbenzene	13.270	105	354713	50.808	ug/l	99
86) p-Isopropyltoluene	13.386	119	283428	50.803	ug/l	100
87) 1,3-Dichlorobenzene	13.380	146	140364	48.412	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	137160	48.693	ug/l	100
89) n-Butylbenzene	13.709	91	271256	51.138	ug/l	100
90) Hexachloroethane	13.977	117	55752	48.678	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	120029	48.629	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7682	45.763	ug/l	97
93) 1,2,4-Trichlorobenzene	15.020	180	65365	53.315	ug/l	97
94) Hexachlorobutadiene	15.129	225	37037	51.293	ug/l	99
95) Naphthalene	15.251	128	117339	47.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	53799	51.595	ug/l	98

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

