

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079683.D
 Acq On : 08 Aug 2024 22:38
 Operator : RP/MD
 Sample : P3393-06MSD
 Misc : 6.51G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-849-GI-SO-2.5-3-072624MSD

Quant Time: Aug 09 01:16:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	160507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	309907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	252259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96291	59.053	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.100%			
35) Dibromofluoromethane	7.810	113	103842	49.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.020%			
50) Toluene-d8	10.269	98	404323	49.636	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.569	95	92216	39.121	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	77628	61.726	ug/l	97
3) Chloromethane	2.146	50	165933	71.609	ug/l	99
4) Vinyl Chloride	2.281	62	197853	71.811	ug/l	99
5) Bromomethane	2.693	94	115837	67.534	ug/l	97
6) Chloroethane	2.834	64	138478	78.216	ug/l	98
7) Trichlorofluoromethane	3.175	101	181859	66.372	ug/l	95
8) Diethyl Ether	3.593	74	58091	70.185	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.969	101	104319	60.197	ug/l	95
10) Methyl Iodide	4.164	142	104456	49.642	ug/l	94
11) Tert butyl alcohol	5.063	59	25856	340.808	ug/l	99
12) 1,1-Dichloroethene	3.940	96	113815	65.628	ug/l	94
14) Allyl chloride	4.558	41	150186	65.581	ug/l #	86
15) Acrylonitrile	5.258	53	116154	300.322	ug/l	97
16) Acetone	4.022	43	48377	152.660	ug/l	97
17) Carbon Disulfide	4.269	76	294534	51.451	ug/l	98
18) Methyl Acetate	4.563	43	167475	170.218	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	248242	70.125	ug/l	96
20) Methylene Chloride	4.799	84	172291	78.548	ug/l #	82
21) trans-1,2-Dichloroethene	5.311	96	129484	66.462	ug/l	88
22) Diisopropyl ether	6.216	45	356595	69.984	ug/l #	91
23) Vinyl Acetate	6.216	43	177152	46.250	ug/l #	64
24) 1,1-Dichloroethane	6.110	63	246663	72.238	ug/l	95
25) 2-Butanone	7.081	43	30531	67.957	ug/l	92
26) 2,2-Dichloropropane	7.075	77	136002	49.241	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	172218	77.336	ug/l	90
28) Bromochloromethane	7.428	49	92074	61.492	ug/l #	67
29) Tetrahydrofuran	7.446	42	86705	311.414	ug/l #	80
30) Chloroform	7.599	83	249815	72.245	ug/l	96
31) Cyclohexane	7.875	56	171368	63.280	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	196563	68.888	ug/l	97
36) 1,1-Dichloropropene	8.010	75	159559	55.731	ug/l	95
37) Ethyl Acetate	7.169	43	8558	7.291	ug/l #	70
38) Carbon Tetrachloride	7.993	117	167117	55.526	ug/l	97
39) Methylcyclohexane	9.275	83	178880	52.365	ug/l	94
40) Benzene	8.252	78	550963	60.590	ug/l	96
41) Methacrylonitrile	7.405	41	27750m	42.978	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079683.D
 Acq On : 08 Aug 2024 22:38
 Operator : RP/MD
 Sample : P3393-06MSD
 Misc : 6.51G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-849-GI-SO-2.5-3-072624MSD

Quant Time: Aug 09 01:16:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.322	62	123081	56.800	ug/l	96
43) Isopropyl Acetate	8.357	43	22565	10.228	ug/l #	56
44) Trichloroethene	9.028	130	267795	118.303	ug/l	85
45) 1,2-Dichloropropane	9.304	63	140656	63.561	ug/l	100
46) Dibromomethane	9.399	93	67454	54.984	ug/l	89
47) Bromodichloromethane	9.581	83	168399	55.903	ug/l	99
48) Methyl methacrylate	9.381	41	64959	65.794	ug/l	87
49) 1,4-Dioxane	9.387	88	14926	1174.171	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	277112	246.030	ug/l	93
52) Toluene	10.334	92	322097	57.273	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	129229	46.455	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	161602	48.296	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	87726	54.284	ug/l	96
56) Ethyl methacrylate	10.593	69	9867	5.153	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	151434	55.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	216262	244.899	ug/l	90
59) 2-Hexanone	10.922	43	52435	66.751	ug/l	90
60) Dibromochloromethane	11.069	129	97272	46.076	ug/l	96
61) 1,2-Dibromoethane	11.181	107	72901	48.152	ug/l	96
64) Tetrachloroethene	10.810	164	94829	55.749	ug/l	94
65) Chlorobenzene	11.604	112	308775	55.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	115206	62.685	ug/l	99
67) Ethyl Benzene	11.681	91	558277	61.050	ug/l	99
68) m/p-Xylenes	11.793	106	422143	116.357	ug/l	92
69) o-Xylene	12.116	106	205282	61.731	ug/l	91
70) Styrene	12.134	104	285745	49.012	ug/l	93
71) Bromoform	12.298	173	46614	44.865	ug/l #	98
73) Isopropylbenzene	12.422	105	494562	70.380	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	91351	76.646	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	67199m	83.795	ug/l	
77) Bromobenzene	12.698	156	100268	65.179	ug/l	83
78) n-propylbenzene	12.763	91	553461	72.169	ug/l	96
79) 2-Chlorotoluene	12.845	91	313751	73.474	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	385728	75.476	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	20122	47.856	ug/l	98
82) 4-Chlorotoluene	12.945	91	295998	66.492	ug/l	96
83) tert-Butylbenzene	13.163	119	330703	65.585	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	377316	64.551	ug/l	98
85) sec-Butylbenzene	13.339	105	450656	66.297	ug/l	97
86) p-Isopropyltoluene	13.457	119	330646	51.293	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	174831	54.865	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	168734	53.859	ug/l	96
89) n-Butylbenzene	13.787	91	258252	43.972	ug/l	97
90) Hexachloroethane	14.051	117	70344	59.165	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	157877	57.970	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11315	71.349	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	52934	30.849	ug/l	96
94) Hexachlorobutadiene	15.198	225	25960	28.032	ug/l	97
95) Naphthalene	15.328	128	129834	43.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	48486	32.123	ug/l	98

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