

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075951.D
 Acq On : 01 May 2023 20:57
 Operator : KP/SY
 Sample : 02548-42MSD
 Misc : 5.79G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCS0MSD

Quant Time: May 02 02:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

05/02/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	310564	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	146164	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.269	65	153401	22.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.080%
7) Chloroethane-d5	2.793	69	134584	22.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	3.916	65	34110	21.716	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.880%
21) 2-Butanone-d5	6.987	46	38334	64.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.620%
24) Chloroform-d	7.563	84	182648	23.518	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.228	65	84758	25.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.240%
32) Benzene-d6	8.199	84	376788	22.274	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	9.204	67	112910	24.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	10.269	98	351989	22.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.920%
43) trans-1,3-Dichloroprop...	10.522	79	46190	23.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.881	63	31949	56.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.340%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100154	27.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	118846	22.988	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	106745	24.933	ug/L	98
3) Chloromethane	2.146	50	174392	29.220	ug/L	95
5) Vinyl chloride	2.275	62	196688	25.216	ug/L	100
6) Bromomethane	2.687	94	98901	18.869	ug/L	98
8) Chloroethane	2.828	64	124025	24.585	ug/L	99
9) Trichlorofluoromethane	3.169	101	150193	23.964	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	100664	23.907	ug/L	96
12) 1,1-Dichloroethene	3.934	96	96875	23.724	ug/L	87
13) Acetone	4.022	43	38858	76.772	ug/L	98
14) Carbon disulfide	4.264	76	328548	23.036	ug/L	98
15) Methyl Acetate	4.569	43	32975m	30.061	ug/L	
16) Methylene chloride	4.799	84	140588	22.315	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	106842	23.334	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	191197	26.032	ug/L	98
19) 1,1-Dichloroethane	6.105	63	169722	25.303	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	112885	23.316	ug/L	96
22) 2-Butanone	7.081	43	41439	62.800	ug/L	# 34
23) Bromochloromethane	7.422	128	58006	25.834	ug/L	92
25) Chloroform	7.599	83	184451	24.536	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	104484	26.926	ug/L	95
29) Cyclohexane	7.875	56	117274	23.604	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	143448	23.361	ug/L	99
31) Carbon tetrachloride	7.987	117	115971	23.540	ug/L	99
33) Benzene	8.246	78	415692	23.679	ug/L	100
34) Trichloroethene	9.028	95	103258	22.744	ug/L	96
35) Methylcyclohexane	9.275	83	150182	21.456	ug/L	97
37) 1,2-Dichloropropane	9.304	63	103618	25.695	ug/L	100
38) Bromodichloromethane	9.581	83	133402	24.534	ug/L #	94
39) cis-1,3-Dichloropropene	10.016	75	150923	23.533	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	87862	59.759	ug/L	98
42) Toluene	10.334	91	455480	23.975	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	130256	25.282	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	87962	25.639	ug/L	93
46) Tetrachloroethene	10.810	164	86189	23.146	ug/L	95
48) 2-Hexanone	10.922	43	62118	59.930	ug/L	93
49) Dibromochloromethane	11.075	129	94975	25.429	ug/L	97
50) 1,2-Dibromoethane	11.181	107	81786	26.442	ug/L	95
51) Chlorobenzene	11.610	112	294465	23.693	ug/L	98
52) Ethylbenzene	11.687	91	455187	23.366	ug/L	99
53) m,p-Xylene	11.793	106	184643	23.803	ug/L	99
54) o-Xylene	12.122	106	175566	23.829	ug/L	98
55) Styrene	12.140	104	320993	25.031	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	97296	27.873	ug/L	98
59) Bromoform	12.298	173	58160	25.963	ug/L	99
60) Isopropylbenzene	12.422	105	437073	22.552	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62487	27.215	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	322680	22.328	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	319738	22.951	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	220842	23.815	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	225888	23.210	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	199877	24.136	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	12214	26.609	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	122249	19.668	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	99050	19.230	ug/L	97
71) Naphthalene	15.334	128	222576	23.613	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	100170	21.786	ug/L	98

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

