

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075973.D
 Acq On : 02 May 2023 19:30
 Operator : KP/SY
 Sample : 02564-19MSD
 Misc : 5.61G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023

Quant Time: May 03 02:51:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	41658	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.587	117	46519	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	22284	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	18893	20.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
7) Chloroethane-d5	2.799	69	19325	24.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.880%
11) 1,1-Dichloroethene-d2	3.922	65	4202m	19.944	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.760%
21) 2-Butanone-d5	6.993	46	16564	208.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	417.580%#
24) Chloroform-d	7.569	84	32162	30.874	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.480%
26) 1,2-Dichloroethane-d4	8.234	65	19626	44.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	176.480%#
32) Benzene-d6	8.199	84	55179	20.351	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	9.210	67	19164	25.536	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.269	98	48820	19.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.920%
43) trans-1,3-Dichloroprop...	10.528	79	9181	29.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.400%
47) 2-Hexanone-d5	10.875	63	12186	134.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	269.720%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	32800	57.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	228.480%#
66) 1,2-Dichlorobenzene-d4	13.822	152	19878	25.219	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	11494	20.015	ug/L	96
3) Chloromethane	2.146	50	24584	30.708	ug/L	98
5) Vinyl chloride	2.281	62	24017	22.954	ug/L	95
6) Bromomethane	2.693	94	20795	29.578	ug/L	87
8) Chloroethane	2.834	64	17594	26.001	ug/L	99
9) Trichlorofluoromethane	3.175	101	17405	20.703	ug/L	# 58
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	11637	20.604	ug/L	# 86
12) 1,1-Dichloroethene	3.934	96	11518	21.028	ug/L	93
13) Acetone	4.022	43	37806	556.849	ug/L	99
14) Carbon disulfide	4.263	76	43095	22.526	ug/L	# 94
15) Methyl Acetate	4.569	43	16008	108.796	ug/L	# 59
16) Methylene chloride	4.799	84	24758	29.296	ug/L	90
17) trans-1,2-Dichloroethene	5.310	96	15128	24.631	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	44055	44.717	ug/L	# 80
19) 1,1-Dichloroethane	6.110	63	27748	30.840	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	18974	29.217	ug/L	95
22) 2-Butanone	7.081	43	22839	258.037	ug/L	94
23) Bromochloromethane	7.428	128	12386	41.125	ug/L	86
25) Chloroform	7.599	83	32902	32.629	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	24819	47.683	ug/L	97
29) Cyclohexane	7.875	56	10396	13.054	ug/L #	88
30) 1,1,1-Trichloroethane	7.787	97	19687	20.002	ug/L #	77
31) Carbon tetrachloride	7.993	117	13032	16.504	ug/L	91
33) Benzene	8.246	78	62708	22.285	ug/L	100
34) Trichloroethene	9.022	95	15013	20.631	ug/L	91
35) Methylcyclohexane	9.269	83	12823	11.429	ug/L	95
37) 1,2-Dichloropropane	9.310	63	17604	27.235	ug/L	100
38) Bromodichloromethane	9.587	83	25999	29.831	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	26391	25.673	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	32845	139.372	ug/L	95
42) Toluene	10.334	91	65377	21.470	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	27004	32.701	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	22264	40.488	ug/L	93
46) Tetrachloroethene	10.804	164	12555	21.035	ug/L	98
48) 2-Hexanone	10.922	43	24366	146.661	ug/L	89
49) Dibromochloromethane	11.075	129	21984	36.723	ug/L	96
50) 1,2-Dibromoethane	11.181	107	23127	46.649	ug/L	100
51) Chlorobenzene	11.610	112	46429	23.307	ug/L	97
52) Ethylbenzene	11.687	91	56817	18.196	ug/L	100
53) m,p-Xylene	11.792	106	23174	18.638	ug/L	99
54) o-Xylene	12.122	106	23955	20.284	ug/L	95
55) Styrene	12.140	104	43632	21.228	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	33161	59.268	ug/L	97
59) Bromoform	12.304	173	17024	49.847	ug/L	96
60) Isopropylbenzene	12.422	105	49756	16.839	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	22515	64.318	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	39115	17.753	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	38324	18.044	ug/L	95
64) 1,3-Dichlorobenzene	13.463	146	34600	24.473	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	34062	22.956	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	35225	27.900	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	5108	72.991	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.598	180	18992	20.042	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	17262	21.982	ug/L	98
71) Naphthalene	15.333	128	62248	43.316	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	19482	27.792	ug/L	99

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

