

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075992.D
 Acq On : 03 May 2023 20:26
 Operator : KP/SY
 Sample : 02593-06MSD
 Misc : 5.91G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCJ0MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 04 03:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	11520	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.581	117	11837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	5116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	4706	18.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.480%
7) Chloroethane-d5	2.805	69	2585	11.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.360%
11) 1,1-Dichloroethene-d2	3.911	65	873m	14.984	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.920%
21) 2-Butanone-d5	6.993	46	2006	91.435	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	182.860%#
24) Chloroform-d	7.557	84	7901m	27.427	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.720%
26) 1,2-Dichloroethane-d4	8.234	65	4766	38.741	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	154.960%#
32) Benzene-d6	8.204	84	13493	19.558	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.240%
36) 1,2-Dichloropropane-d6	9.204	67	4822	25.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.269	98	10545	16.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.320%
43) trans-1,3-Dichloroprop...	10.528	79	1598	20.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.000%
47) 2-Hexanone-d5	10.881	63	1303	56.669	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.340%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	6000	41.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	4676	25.840	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	1933	12.172	ug/L	94
3) Chloromethane	2.140	50	6897	31.154	ug/L	97
5) Vinyl chloride	2.275	62	5523	19.088	ug/L	# 82
6) Bromomethane	2.693	94	3540	18.208	ug/L	89
8) Chloroethane	2.846	64	2685	14.349	ug/L	87
9) Trichlorofluoromethane	3.187	101	3220	13.850	ug/L	# 26
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	2402m	15.379	ug/L	
12) 1,1-Dichloroethene	3.946	96	2069m	13.659	ug/L	
13) Acetone	4.028	43	6208m	330.655	ug/L	
14) Carbon disulfide	4.281	76	9323	17.622	ug/L	# 93
15) Methyl Acetate	4.569	43	2021m	49.669	ug/L	
16) Methylene chloride	4.805	84	5927m	25.362	ug/L	
17) trans-1,2-Dichloroethene	5.305	96	3527	20.766	ug/L	97
18) Methyl tert-butyl Ether	5.310	73	9495m	34.851	ug/L	
19) 1,1-Dichloroethane	6.116	63	6542m	26.293	ug/L	
20) cis-1,2-Dichloroethene	7.075	96	3994	22.239	ug/L	94
22) 2-Butanone	7.081	43	2411m	98.503	ug/L	
23) Bromochloromethane	7.422	128	2790m	33.498	ug/L	
25) Chloroform	7.587	83	7294m	26.157	ug/L	

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27) 1,2-Dichloroethane	8.322	62	4840	33.625	ug/L	97
29) Cyclohexane	7.875	56	1882	9.288	ug/L #	87
30) 1,1,1-Trichloroethane	7.787	97	4416	17.633	ug/L	99
31) Carbon tetrachloride	7.993	117	762m	3.792	ug/L	
33) Benzene	8.252	78	13054	18.232	ug/L	100
34) Trichloroethene	9.028	95	3311	17.882	ug/L	99
35) Methylcyclohexane	9.269	83	2280	7.987	ug/L	93
37) 1,2-Dichloropropane	9.299	63	3984	24.223	ug/L #	85
38) Bromodichloromethane	9.587	83	5867	26.456	ug/L #	85
39) cis-1,3-Dichloropropene	10.016	75	4288	16.393	ug/L	85
40) 4-Methyl-2-pentanone	10.163	43	3608	60.167	ug/L #	95
42) Toluene	10.340	91	12180	15.720	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	4392	20.902	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	4914	35.119	ug/L #	83
46) Tetrachloroethene	10.804	164	3373	22.209	ug/L #	78
48) 2-Hexanone	10.922	43	3098	73.283	ug/L #	84
49) Dibromochloromethane	11.069	129	4284	28.124	ug/L	90
50) 1,2-Dibromoethane	11.175	107	3791	30.052	ug/L #	96
51) Chlorobenzene	11.610	112	10340	20.399	ug/L	94
52) Ethylbenzene	11.687	91	12793	16.101	ug/L	96
53) m,p-Xylene	11.787	106	5198m	16.430	ug/L	
54) o-Xylene	12.122	106	5491	18.273	ug/L	72
55) Styrene	12.140	104	9119	17.435	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.681	83	4842	34.010	ug/L #	82
59) Bromoform	12.304	173	2937	37.458	ug/L #	95
60) Isopropylbenzene	12.422	105	10217	15.061	ug/L	97
61) 1,2,3-Trichloropropane	12.728	75	3558	44.272	ug/L #	83
62) 1,3,5-Trimethylbenzene	12.904	105	8024	15.862	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	8756	17.957	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	7257	22.358	ug/L	92
65) 1,4-Dichlorobenzene	13.545	146	7040	20.666	ug/L	93
67) 1,2-Dichlorobenzene	13.834	146	7245	24.995	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.439	75	437m	27.200	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	4097	18.832	ug/L	95
70) 1,2,4-trichlorobenzene	15.098	180	3842	21.310	ug/L	95
71) Naphthalene	15.333	128	7687	23.299	ug/L	95
72) 1,2,3-Trichlorobenzene	15.522	180	3383	21.021	ug/L #	89

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

