

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076450.D
 Acq On : 15 Jun 2023 21:07
 Operator : KP/SY
 Sample : 03236-07MS
 Misc : 5.78G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 YBTY3MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 02:01:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	173497	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	153090	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	67696	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	107187	25.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.480%	
7) Chloroethane-d5	2.793	69	86929	25.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.760%	
11) 1,1-Dichloroethene-d2	3.916	65	26809m	24.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.240%	
21) 2-Butanone-d5	6.993	46	40272m	62.936	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 125.880%	
24) Chloroform-d	7.563	84	117872	25.787	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.160%	
26) 1,2-Dichloroethane-d4	8.228	65	63641	28.223	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.880%	
32) Benzene-d6	8.199	84	246572	26.330	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.320%	
36) 1,2-Dichloropropane-d6	9.210	67	83181	27.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 111.320%	
41) Toluene-d8	10.269	98	223196	25.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.960%	
43) trans-1,3-Dichloroprop...	10.522	79	34507	27.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.000%	
47) 2-Hexanone-d5	10.875	63	27205	58.630	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.260%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	63097	29.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.680%	
66) 1,2-Dichlorobenzene-d4	13.816	152	67252	27.103	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	59205	21.899	ug/L	100
3) Chloromethane	2.146	50	110544	24.597	ug/L	95
5) Vinyl chloride	2.275	62	112540	23.212	ug/L	95
6) Bromomethane	2.687	94	52456	19.534	ug/L	100
8) Chloroethane	2.828	64	69052	23.251	ug/L	95
9) Trichlorofluoromethane	3.169	101	78066	22.269	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	47440	20.863	ug/L	100
12) 1,1-Dichloroethene	3.934	96	49144	21.825	ug/L	94
13) Acetone	4.028	43	27025	52.290	ug/L	99
14) Carbon disulfide	4.258	76	175535	21.506	ug/L	99
15) Methyl Acetate	4.563	43	32302	27.379	ug/L #	72
16) Methylene chloride	4.793	84	73293	24.305	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	56317	22.434	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	147605	25.827	ug/L #	74
19) 1,1-Dichloroethane	6.110	63	105336	22.951	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	65886	23.501	ug/L	96
22) 2-Butanone	7.081	43	41774	50.085	ug/L	95
23) Bromochloromethane	7.416	128	31803	26.728	ug/L	90
25) Chloroform	7.593	83	107144	23.921	ug/L	96

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27) 1,2-Dichloroethane	8.322	62	68709	24.944	ug/L	96
29) Cyclohexane	7.869	56	87603	21.519	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	79097	22.241	ug/L	99
31) Carbon tetrachloride	7.987	117	62661	22.031	ug/L	98
33) Benzene	8.252	78	237246	23.415	ug/L	100
34) Trichloroethene	9.022	95	82018	31.512	ug/L	93
35) Methylcyclohexane	9.269	83	84751	20.192	ug/L	98
37) 1,2-Dichloropropane	9.299	63	67755	24.528	ug/L	98
38) Bromodichloromethane	9.581	83	81389	25.833	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	103911	24.635	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	90629	52.739	ug/L	98
42) Toluene	10.334	91	251366	23.216	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	85429	24.917	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	49864	26.317	ug/L	97
46) Tetrachloroethene	10.810	164	47155	23.045	ug/L	91
48) 2-Hexanone	10.922	43	66817	56.773	ug/L	99
49) Dibromochloromethane	11.075	129	54830	25.464	ug/L	98
50) 1,2-Dibromoethane	11.175	107	47772	25.977	ug/L	87
51) Chlorobenzene	11.604	112	158629	23.466	ug/L	99
52) Ethylbenzene	11.687	91	261513	22.408	ug/L	98
53) m,p-Xylene	11.793	106	100768	21.971	ug/L	93
54) o-Xylene	12.122	106	101229	23.181	ug/L	100
55) Styrene	12.134	104	173633	23.014	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	56046	25.883	ug/L	98
59) Bromoform	12.298	173	34345	28.340	ug/L	100
60) Isopropylbenzene	12.422	105	247941	23.946	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	38292	29.146	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	195034	23.543	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	193360	23.653	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	103088	22.379	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	103965	22.390	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	98240	23.939	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	8005	27.341	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	59808	19.465	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	48626	17.787	ug/L	97
71) Naphthalene	15.333	128	121843	23.278	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	43704	18.409	ug/L	96

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

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