

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075929.D
 Acq On : 29 Apr 2023 21:15
 Operator : KP/SY
 Sample : 02525-14MS
 Misc : 5.32G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: May 01 00:19:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 01 00:14:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	332576	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	312723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	158208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	167041	22.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.600%		
7) Chloroethane-d5	2.799	69	143424	22.752	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.000%		
11) 1,1-Dichloroethene-d2	3.917	65	36888	21.931	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.720%		
21) 2-Butanone-d5	6.987	46	37798m	59.677	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.360%		
24) Chloroform-d	7.569	84	198355	23.850	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.400%		
26) 1,2-Dichloroethane-d4	8.234	65	91186	25.675	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.680%		
32) Benzene-d6	8.199	84	412516	22.632	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.520%		
36) 1,2-Dichloropropane-d6	9.210	67	120594	23.904	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.600%		
41) Toluene-d8	10.269	98	385310	22.580	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.320%		
43) trans-1,3-Dichloroprop...	10.528	79	47876	22.959	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.840%		
47) 2-Hexanone-d5	10.881	63	33067	54.435	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.880%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104436	27.052	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.200%		
66) 1,2-Dichlorobenzene-d4	13.816	152	125305	22.392	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	106666	23.265	ug/L	97
3) Chloromethane	2.146	50	172497	26.989	ug/L	98
5) Vinyl chloride	2.281	62	199640	23.900	ug/L	99
6) Bromomethane	2.687	94	109243	19.463	ug/L	91
8) Chloroethane	2.834	64	133322	24.679	ug/L	99
9) Trichlorofluoromethane	3.175	101	154052	22.953	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	102562	22.746	ug/L	97
12) 1,1-Dichloroethene	3.934	96	99265	22.700	ug/L	97
13) Acetone	4.017	43	32902	60.703	ug/L	97
14) Carbon disulfide	4.270	76	346812	22.707	ug/L	100
15) Methyl Acetate	4.558	43	33998	28.943	ug/L #	62
16) Methylene chloride	4.799	84	125808	18.647	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	113731	23.195	ug/L	99
18) Methyl tert-butyl Ether	5.317	73	193006	24.539	ug/L	98
19) 1,1-Dichloroethane	6.111	63	176514	24.574	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	118905	22.934	ug/L	92
22) 2-Butanone	7.081	43	37609	53.224	ug/L	99
23) Bromochloromethane	7.428	128	61106	25.413	ug/L	92
25) Chloroform	7.593	83	192162	23.870	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	110463	26.583	ug/L	99
29) Cyclohexane	7.875	56	119929	22.402	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	149018	22.522	ug/L	97
31) Carbon tetrachloride	7.993	117	120161	22.636	ug/L	98
33) Benzene	8.246	78	447609	23.663	ug/L	100
34) Trichloroethene	9.028	95	108397	22.159	ug/L	96
35) Methylcyclohexane	9.269	83	156062	20.692	ug/L	98
37) 1,2-Dichloropropane	9.305	63	110064	25.330	ug/L	100
38) Bromodichloromethane	9.581	83	141728	24.190	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	159983	23.151	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	85135	53.738	ug/L	99
42) Toluene	10.334	91	492622	24.065	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	134405	24.211	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	90724	24.542	ug/L	95
46) Tetrachloroethene	10.810	164	88433	22.040	ug/L	92
48) 2-Hexanone	10.922	43	59580	53.346	ug/L	94
49) Dibromochloromethane	11.075	129	98813	24.554	ug/L	96
50) 1,2-Dibromoethane	11.181	107	85241	25.577	ug/L #	92
51) Chlorobenzene	11.610	112	316331	23.621	ug/L	99
52) Ethylbenzene	11.687	91	486062	23.156	ug/L	100
53) m,p-Xylene	11.793	106	200278	23.961	ug/L	94
54) o-Xylene	12.122	106	187101	23.568	ug/L	98
55) Styrene	12.134	104	341906	24.744	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	99065	26.338	ug/L	100
59) Bromoform	12.299	173	58309	24.048	ug/L	99
60) Isopropylbenzene	12.422	105	458896	21.875	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	62696	25.227	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	339231	21.686	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	332317	22.038	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	223041	22.221	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	233346	22.151	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	203038	22.651	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12922	26.008	ug/L	91
69) 1,3,5-Trichlorobenzene	14.593	180	124624	18.524	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	102191	18.329	ug/L	98
71) Naphthalene	15.334	128	221602	21.720	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	100788	20.252	ug/L	98

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

