

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078851.D
 Acq On : 30 Apr 2024 13:10
 Operator : RP/MD
 Sample : P2321-02MS
 Misc : 4.95G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EOY32MS

Quant Time: May 01 09:49:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	242699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	239616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	145162	21.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.840%
7) Chloroethane-d5	2.805	69	137051	21.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.040%
11) 1,1-Dichloroethene-d2	3.922	65	30978	25.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.920%
21) 2-Butanone-d5	6.987	46	25539	40.093	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.180%
24) Chloroform-d	7.569	84	163468	27.590	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.360%
26) 1,2-Dichloroethane-d4	8.234	65	73914	24.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.204	84	331700	27.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.680%
36) 1,2-Dichloropropane-d6	9.210	67	94514	26.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.600%
41) Toluene-d8	10.269	98	309718	26.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	10.528	79	38106	23.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.040%
47) 2-Hexanone-d5	10.875	63	23312	41.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70581	21.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	82078	23.782	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	96898	27.744	ug/L	99
3) Chloromethane	2.146	50	116379	23.257	ug/L	99
5) Vinyl chloride	2.287	62	180316	23.964	ug/L	100
6) Bromomethane	2.699	94	128142	23.432	ug/L	96
8) Chloroethane	2.840	64	130439	23.760	ug/L	97
9) Trichlorofluoromethane	3.181	101	149416	27.146	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	100396	28.236	ug/L #	86
12) 1,1-Dichloroethene	3.940	96	82489	25.975	ug/L #	82
13) Acetone	4.022	43	33345	40.830	ug/L	100
14) Carbon disulfide	4.275	76	231055	21.389	ug/L	99
15) Methyl Acetate	4.563	43	23936	19.889	ug/L	98
16) Methylene chloride	4.805	84	101125	24.048	ug/L	96
17) trans-1,2-Dichloroethene	5.310	96	88949	25.075	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	163108	24.035	ug/L #	94
19) 1,1-Dichloroethane	6.110	63	159034	28.140	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	99265	25.740	ug/L	94
22) 2-Butanone	7.087	43	37598	37.683	ug/L	98
23) Bromochloromethane	7.428	128	45014	23.659	ug/L	89
25) Chloroform	7.599	83	174546	26.209	ug/L	97

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	96549	25.832	ug/L	98
29) Cyclohexane	7.881	56	119772	29.422	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	150470	27.920	ug/L	98
31) Carbon tetrachloride	7.993	117	136089	28.133	ug/L	99
33) Benzene	8.251	78	389402	28.661	ug/L	100
34) Trichloroethene	9.028	95	97036	26.773	ug/L	94
35) Methylcyclohexane	9.275	83	146457	27.201	ug/L	99
37) 1,2-Dichloropropane	9.304	63	97887	28.098	ug/L	98
38) Bromodichloromethane	9.581	83	126463	26.384	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	149144	27.873	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	73824	46.394	ug/L	97
42) Toluene	10.334	91	442759	29.438	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	119310	25.445	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	74377	24.449	ug/L	98
46) Tetrachloroethene	10.810	164	77496	25.534	ug/L	92
48) 2-Hexanone	10.922	43	56022	44.734	ug/L	99
49) Dibromochloromethane	11.075	129	83937	23.829	ug/L	97
50) 1,2-Dibromoethane	11.181	107	63790	21.578	ug/L	95
51) Chlorobenzene	11.610	112	273741	26.984	ug/L	99
52) Ethylbenzene	11.687	91	469017	29.658	ug/L	99
53) m,p-Xylene	11.792	106	182182	29.245	ug/L	97
54) o-Xylene	12.122	106	174991	29.061	ug/L	99
55) Styrene	12.134	104	298758	27.684	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	73619	20.964	ug/L	97
59) Bromoform	12.298	173	47419	23.906	ug/L	98
60) Isopropylbenzene	12.422	105	454816	35.518	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	46430	24.859	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	309489	39.868	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	309773	32.519	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	166914	26.190	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	173183	25.695	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	153454	25.559	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	9176	21.579	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	92431	22.552	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	69163	20.010	ug/L	98
71) Naphthalene	15.333	128	116501	17.366	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	59645	18.847	ug/L	99

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

