

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078852.D
 Acq On : 30 Apr 2024 13:37
 Operator : RP/MD
 Sample : P2321-03MSD
 Misc : 6.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E0Y32MSD

Quant Time: May 01 09:50:16 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	163734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	151047	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	49468	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	129152	28.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.560%	
7) Chloroethane-d5	2.805	69	130259	30.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.640%	
11) 1,1-Dichloroethene-d2	3.922	65	24650	29.756	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 119.040%#	
21) 2-Butanone-d5	6.987	46	18084	42.081	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 84.160%	
24) Chloroform-d	7.569	84	128586	32.169	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 128.680%	
26) 1,2-Dichloroethane-d4	8.234	65	58845	28.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 115.920%	
32) Benzene-d6	8.205	84	249872	32.466	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 129.880%	
36) 1,2-Dichloropropane-d6	9.210	67	71724	32.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 129.520%#	
41) Toluene-d8	10.269	98	209632	28.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 115.520%	
43) trans-1,3-Dichloroprop...	10.528	79	26159	25.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.520%	
47) 2-Hexanone-d5	10.875	63	16947	47.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.720%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	52956	25.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.440%	
66) 1,2-Dichlorobenzene-d4	13.816	152	42702	25.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	83008	35.229	ug/L	99
3) Chloromethane	2.152	50	96311	28.529	ug/L	97
5) Vinyl chloride	2.287	62	148020	29.160	ug/L	99
6) Bromomethane	2.693	94	105827	28.685	ug/L	96
8) Chloroethane	2.840	64	105871	28.585	ug/L	95
9) Trichlorofluoromethane	3.175	101	108235	29.148	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	62453	26.035	ug/L	93
12) 1,1-Dichloroethene	3.940	96	58546	27.327	ug/L #	82
13) Acetone	4.017	43	40082	72.749	ug/L	95
14) Carbon disulfide	4.275	76	144629	19.845	ug/L	97
15) Methyl Acetate	4.564	43	18703	23.036	ug/L #	77
16) Methylene chloride	4.805	84	75481	26.607	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	61012	25.494	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	127666	27.885	ug/L #	92
19) 1,1-Dichloroethane	6.111	63	117905	30.924	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	70479	27.090	ug/L	89
22) 2-Butanone	7.081	43	49286	73.221	ug/L	97
23) Bromochloromethane	7.434	128	34859	27.158	ug/L #	98
25) Chloroform	7.593	83	127951	28.478	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	70803	28.080	ug/L	96
29) Cyclohexane	7.881	56	62570	24.383	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	105167	30.956	ug/L	98
31) Carbon tetrachloride	7.993	117	81805	26.827	ug/L	98
33) Benzene	8.252	78	275019	32.112	ug/L	100
34) Trichloroethene	9.028	95	61286	26.824	ug/L	97
35) Methylcyclohexane	9.281	83	54749	16.131	ug/L	95
37) 1,2-Dichloropropane	9.304	63	67879	30.910	ug/L	99
38) Bromodichloromethane	9.587	83	80281	26.570	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	90552	26.846	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	58684	58.505	ug/L	94
42) Toluene	10.334	91	274908	28.996	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	75135	25.420	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	52718	27.491	ug/L	94
46) Tetrachloroethene	10.810	164	40169	20.996	ug/L	94
48) 2-Hexanone	10.922	43	43042	54.522	ug/L	97
49) Dibromochloromethane	11.075	129	51638	23.255	ug/L	96
50) 1,2-Dibromoethane	11.181	107	49506	26.565	ug/L #	99
51) Chlorobenzene	11.604	112	161854	25.310	ug/L	98
52) Ethylbenzene	11.681	91	256815	25.762	ug/L	98
53) m,p-Xylene	11.798	106	94112	23.966	ug/L	98
54) o-Xylene	12.122	106	94264	24.833	ug/L	89
55) Styrene	12.134	104	155845	22.909	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	51475	23.253	ug/L	96
59) Bromoform	12.298	173	27261	28.114	ug/L	98
60) Isopropylbenzene	12.422	105	204099	32.604	ug/L	97
61) 1,2,3-Trichloropropane	12.722	75	36143	39.585	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	148892	39.235	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	152172	32.677	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	80618	25.875	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	82495	25.038	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	71970	24.521	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	6931	33.341	ug/L	87
69) 1,3,5-Trichlorobenzene	14.592	180	30830	15.387	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	21139	12.511	ug/L	95
71) Naphthalene	15.328	128	77752	23.708	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	20130	13.012	ug/L	99

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

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