

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079100.D
 Acq On : 30 May 2024 17:00
 Operator : RP/MD
 Sample : P2640-05MS
 Misc : 5.48G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4C15MS

Quant Time: May 31 01:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	239581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	230776	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	117709	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	161296	21.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.520%
7) Chloroethane-d5	2.799	69	152273	21.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
11) 1,1-Dichloroethene-d2	3.911	65	26334	20.121	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.480%
21) 2-Butanone-d5	6.987	46	24119	42.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.540%
24) Chloroform-d	7.569	84	136993	20.450	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	8.234	65	65993	21.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.440%
32) Benzene-d6	8.199	84	289393	22.621	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	9.204	67	80167	21.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.000%
41) Toluene-d8	10.269	98	267248	22.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	10.522	79	34000	21.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.800%
47) 2-Hexanone-d5	10.875	63	21470	45.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70380	21.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.240%
66) 1,2-Dichlorobenzene-d4	13.810	152	87320	21.495	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	68821	18.146	ug/L	100
3) Chloromethane	2.146	50	95073	18.808	ug/L	97
5) Vinyl chloride	2.281	62	165542	19.842	ug/L	97
6) Bromomethane	2.693	94	110967	17.228	ug/L	97
8) Chloroethane	2.834	64	113478	18.557	ug/L	98
9) Trichlorofluoromethane	3.175	101	111252	17.504	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	72305	18.972	ug/L	97
12) 1,1-Dichloroethene	3.940	96	61995	18.685	ug/L	98
13) Acetone	4.028	43	26540m	32.509	ug/L	
14) Carbon disulfide	4.275	76	209491	18.099	ug/L	99
15) Methyl Acetate	4.558	43	20051	18.026	ug/L	92
16) Methylene chloride	4.799	84	88442	20.718	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	67059	18.702	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	118269	18.597	ug/L #	88
19) 1,1-Dichloroethane	6.110	63	105997	18.361	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	71389	19.120	ug/L	97
22) 2-Butanone	7.081	43	28241	32.929	ug/L	99
23) Bromochloromethane	7.428	128	35862	18.945	ug/L	95
25) Chloroform	7.593	83	120820	18.433	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	70514	18.533	ug/L #	94
29) Cyclohexane	7.875	56	82144	19.728	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	102296	18.723	ug/L	100
31) Carbon tetrachloride	7.993	117	94329	18.578	ug/L	98
33) Benzene	8.252	78	273076	19.867	ug/L	100
34) Trichloroethene	9.028	95	68859	19.451	ug/L	96
35) Methylcyclohexane	9.275	83	117860	20.092	ug/L	100
37) 1,2-Dichloropropane	9.304	63	66016	19.608	ug/L	99
38) Bromodichloromethane	9.581	83	89120	19.042	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	101090	19.235	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	55832	39.726	ug/L	97
42) Toluene	10.334	91	305865	20.040	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	87810	19.758	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	56690	19.193	ug/L	99
46) Tetrachloroethene	10.804	164	59086	18.955	ug/L	98
48) 2-Hexanone	10.916	43	44658	36.721	ug/L	95
49) Dibromochloromethane	11.075	129	64756	18.514	ug/L	94
50) 1,2-Dibromoethane	11.181	107	51820	19.090	ug/L #	97
51) Chlorobenzene	11.604	112	198235	19.520	ug/L	98
52) Ethylbenzene	11.681	91	315905	19.843	ug/L	100
53) m,p-Xylene	11.793	106	123370	19.751	ug/L	100
54) o-Xylene	12.122	106	117010	19.389	ug/L	96
55) Styrene	12.134	104	216555	20.238	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	63405	19.177	ug/L	97
59) Bromoform	12.298	173	40317	18.688	ug/L	99
60) Isopropylbenzene	12.422	105	309995	19.917	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	40463	19.471	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	207972	19.543	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	227545	19.991	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	144968	19.388	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	150629	19.013	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	133548	19.321	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	8513	19.927	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	86937	18.435	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	68125	17.394	ug/L	96
71) Naphthalene	15.328	128	128628	17.561	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	65059	19.220	ug/L	97

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

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