

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079089.D
 Acq On : 30 May 2024 12:03
 Operator : RP/MD
 Sample : P2640-06MSD
 Misc : 5.70G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4C15MSD

Quant Time: May 31 01:54:27 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	281890	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	245478	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	103971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	134562	15.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.040%
7) Chloroethane-d5	2.805	69	135078	16.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.400%
11) 1,1-Dichloroethene-d2	3.922	65	25755	16.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.880%
21) 2-Butanone-d5	6.993	46	14342	21.616	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.240%
24) Chloroform-d	7.569	84	125490	15.922	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.680%
26) 1,2-Dichloroethane-d4	8.228	65	55334	15.219	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.880%#
32) Benzene-d6	8.205	84	265306	19.496	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	9.210	67	70988	18.109	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.440%
41) Toluene-d8	10.269	98	240489	18.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.480%
43) trans-1,3-Dichloroprop...	10.528	79	25913	15.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.920%
47) 2-Hexanone-d5	10.875	63	12660	24.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	47479	13.674	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	54.680%
66) 1,2-Dichlorobenzene-d4	13.810	152	59901	16.694	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.760%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	62862	14.087	ug/L	100
3) Chloromethane	2.146	50	87043	14.635	ug/L	98
5) Vinyl chloride	2.281	62	135739	13.828	ug/L	98
6) Bromomethane	2.693	94	112127	14.796	ug/L	98
8) Chloroethane	2.840	64	104519	14.527	ug/L	95
9) Trichlorofluoromethane	3.175	101	103613	13.856	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	62837	14.013	ug/L	97
12) 1,1-Dichloroethene	3.940	96	56460	14.462	ug/L	89
13) Acetone	4.022	43	14550	15.147	ug/L	100
14) Carbon disulfide	4.270	76	193842	14.234	ug/L	99
15) Methyl Acetate	4.564	43	13377	10.221	ug/L #	82
16) Methylene chloride	4.799	84	67419	13.423	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	61510	14.580	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	95469	12.759	ug/L #	89
19) 1,1-Dichloroethane	6.111	63	103697	15.266	ug/L	94
20) cis-1,2-Dichloroethene	7.081	96	66641	15.170	ug/L	97
22) 2-Butanone	7.087	43	18300	18.135	ug/L	90
23) Bromochloromethane	7.434	128	31042	13.938	ug/L	94
25) Chloroform	7.599	83	115500	14.977	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	63145	14.105	ug/L	100
29) Cyclohexane	7.875	56	68376	15.438	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	100326	17.262	ug/L	98
31) Carbon tetrachloride	7.993	117	90183	16.698	ug/L	93
33) Benzene	8.252	78	261214	17.866	ug/L	100
34) Trichloroethene	9.028	95	65632	17.429	ug/L	94
35) Methylcyclohexane	9.275	83	88840	14.238	ug/L	99
37) 1,2-Dichloropropane	9.305	63	61172	17.081	ug/L	99
38) Bromodichloromethane	9.581	83	80160	16.102	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	84314	15.082	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	36605	24.486	ug/L	97
42) Toluene	10.334	91	278657	17.164	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	71750	15.177	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	45471	14.473	ug/L	95
46) Tetrachloroethene	10.810	164	49892	15.047	ug/L	98
48) 2-Hexanone	10.922	43	25879	20.005	ug/L	99
49) Dibromochloromethane	11.075	129	54085	14.537	ug/L	97
50) 1,2-Dibromoethane	11.175	107	41080	14.227	ug/L	94
51) Chlorobenzene	11.604	112	172297	15.950	ug/L	94
52) Ethylbenzene	11.681	91	278139	16.424	ug/L	99
53) m,p-Xylene	11.793	106	110050	16.563	ug/L	96
54) o-Xylene	12.122	106	102150	15.913	ug/L	87
55) Styrene	12.134	104	179109	15.736	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	44723	12.717	ug/L	96
59) Bromoform	12.299	173	30633	16.076	ug/L	99
60) Isopropylbenzene	12.422	105	255092	18.555	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	28261	15.396	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	166751	17.740	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	180864	17.990	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	106508	16.127	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	112208	16.035	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	91219	14.941	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	5111	13.545	ug/L	86
69) 1,3,5-Trichlorobenzene	14.592	180	56439	13.550	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	39053	11.289	ug/L	99
71) Naphthalene	15.328	128	65531	10.129	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	34105	11.407	ug/L	94

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

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