

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111424\
 Data File : VD080009.D
 Acq On : 14 Nov 2024 16:21
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025926

Quant Time: Nov 15 03:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	234501	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	231501	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	127878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	49508	14.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.640%
7) Chloroethane-d5	2.811	69	47146	16.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.120%
11) 1,1-Dichloroethene-d2	3.928	65	29246	20.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.640%
21) 2-Butanone-d5	6.993	46	40237	54.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.340%
24) Chloroform-d	7.569	84	178757	26.840	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.360%
26) 1,2-Dichloroethane-d4	8.234	65	97340	26.953	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	8.199	84	350720	26.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.360%
36) 1,2-Dichloropropane-d6	9.204	67	116398	27.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.400%
41) Toluene-d8	10.269	98	329302	27.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.680%
43) trans-1,3-Dichloroprop...	10.528	79	49184	28.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.800%
47) 2-Hexanone-d5	10.875	63	43653	69.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.060%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107721	31.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	118727	26.791	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.160%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	82087	23.020	ug/L	98
3) Chloromethane	2.152	50	51954	17.813	ug/L	95
5) Vinyl chloride	2.293	62	61816	16.881	ug/L	92
6) Bromomethane	2.699	94	51125	19.761	ug/L	98
8) Chloroethane	2.852	64	40473	17.358	ug/L	100
9) Trichlorofluoromethane	3.181	101	149406	24.395	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	96207m	25.977	ug/L	
12) 1,1-Dichloroethene	3.946	96	79905	25.432	ug/L	84
13) Acetone	4.022	43	49755	56.997	ug/L	100
14) Carbon disulfide	4.275	76	232034	22.109	ug/L	98
15) Methyl Acetate	4.564	43	34977	25.541	ug/L #	78
16) Methylene chloride	4.805	84	96748	24.865	ug/L	90
17) trans-1,2-Dichloroethene	5.322	96	89650	25.916	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	194356	28.885	ug/L #	94
19) 1,1-Dichloroethane	6.116	63	155004	23.983	ug/L #	96
20) cis-1,2-Dichloroethene	7.081	96	104472	27.685	ug/L	89
22) 2-Butanone	7.081	43	56850	54.872	ug/L	94
23) Bromochloromethane	7.428	128	54452	29.057	ug/L	95
25) Chloroform	7.599	83	210280	28.145	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	120894	27.710	ug/L	96
29) Cyclohexane	7.881	56	128396	25.655	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	157430	26.576	ug/L	99
31) Carbon tetrachloride	7.993	117	139789	26.876	ug/L	99
33) Benzene	8.252	78	399427	27.609	ug/L	100
34) Trichloroethene	9.028	95	104040	26.817	ug/L	97
35) Methylcyclohexane	9.275	83	147448	26.003	ug/L	99
37) 1,2-Dichloropropane	9.304	63	111254	27.529	ug/L	100
38) Bromodichloromethane	9.587	83	146809	28.507	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	164941	28.253	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	123252	64.592	ug/L	99
42) Toluene	10.334	91	449306	28.431	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	147830	29.399	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	90949	29.540	ug/L	96
46) Tetrachloroethene	10.810	164	84460	25.594	ug/L	94
48) 2-Hexanone	10.922	43	104430	67.869	ug/L	99
49) Dibromochloromethane	11.075	129	103643	28.583	ug/L	98
50) 1,2-Dibromoethane	11.175	107	83800	29.831	ug/L	99
51) Chlorobenzene	11.604	112	288101	27.807	ug/L	95
52) Ethylbenzene	11.681	91	479000	28.086	ug/L	100
53) m,p-Xylene	11.793	106	186780	29.208	ug/L	91
54) o-Xylene	12.122	106	177027	29.044	ug/L	95
55) Styrene	12.134	104	329520	30.051	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	107727	30.124	ug/L	99
59) Bromoform	12.298	173	68838	29.167	ug/L	99
60) Isopropylbenzene	12.422	105	473385	27.081	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	73794	29.607	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	373368	27.197	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	375735	27.488	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	232032	27.042	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	242139	26.939	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	214443	27.050	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	16360	30.121	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	153902	26.554	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	128189	26.249	ug/L	100
71) Naphthalene	15.334	128	240439	28.818	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	125244	29.049	ug/L	98

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

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