

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079996.D
 Acq On : 12 Nov 2024 13:47
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025921

Quant Time: Nov 13 03:16:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	304408	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	295789	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	148891	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	97817	21.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
7) Chloroethane-d5	2.805	69	97783	26.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.040%
11) 1,1-Dichloroethene-d2	3.922	65	42488	22.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.360%
21) 2-Butanone-d5	6.987	46	52861	55.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.660%
24) Chloroform-d	7.569	84	222214	25.703	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	8.228	65	117232	25.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.204	84	429375	25.242	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.210	67	141650	25.813	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.240%
41) Toluene-d8	10.269	98	393307	25.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	10.522	79	59892	27.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.480%
47) 2-Hexanone-d5	10.875	63	47736	59.082	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	115495	26.275	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.120%
66) 1,2-Dichlorobenzene-d4	13.810	152	135057	26.175	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.720%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.934	85	103449	22.348	ug/L 98
3) Chloromethane	2.146	50	94870	25.057	ug/L 96
5) Vinyl chloride	2.287	62	110276	23.199	ug/L 97
6) Bromomethane	2.693	94	85789	25.544	ug/L 100
8) Chloroethane	2.840	64	82966	27.411	ug/L 94
9) Trichlorofluoromethane	3.175	101	182234	22.922	ug/L 98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	110724	23.031	ug/L 99
12) 1,1-Dichloroethene	3.946	96	97781	23.974	ug/L 90
13) Acetone	4.022	43	66615	58.786	ug/L 95
14) Carbon disulfide	4.275	76	319891	23.480	ug/L 98
15) Methyl Acetate	4.563	43	47931	26.963	ug/L # 92
16) Methylene chloride	4.805	84	116659	23.097	ug/L 97
17) trans-1,2-Dichloroethene	5.310	96	107100	23.850	ug/L 97
18) Methyl tert-butyl Ether	5.322	73	227178	26.009	ug/L 98
19) 1,1-Dichloroethane	6.110	63	201599	24.029	ug/L 97
20) cis-1,2-Dichloroethene	7.081	96	121177	24.737	ug/L 95
22) 2-Butanone	7.087	43	72765	54.105	ug/L 98
23) Bromochloromethane	7.428	128	58410	24.012	ug/L 96
25) Chloroform	7.598	83	224088	23.105	ug/L 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	133299	23.536	ug/L	96
29) Cyclohexane	7.881	56	165071	25.814	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	178618	23.599	ug/L	99
31) Carbon tetrachloride	7.993	117	154836	23.299	ug/L	99
33) Benzene	8.251	78	459691	24.869	ug/L	100
34) Trichloroethene	9.028	95	119372	24.081	ug/L	95
35) Methylcyclohexane	9.275	83	183499	25.327	ug/L	100
37) 1,2-Dichloropropane	9.304	63	125752	24.354	ug/L	99
38) Bromodichloromethane	9.581	83	157909	23.998	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	185491	24.868	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	131753	54.040	ug/L	99
42) Toluene	10.334	91	506829	25.101	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	162269	25.257	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	92888	23.613	ug/L	96
46) Tetrachloroethene	10.804	164	94897	22.507	ug/L	94
48) 2-Hexanone	10.922	43	110584	56.248	ug/L	98
49) Dibromochloromethane	11.075	129	107997	23.311	ug/L	97
50) 1,2-Dibromoethane	11.175	107	85805	23.906	ug/L	96
51) Chlorobenzene	11.604	112	321104	24.256	ug/L	96
52) Ethylbenzene	11.681	91	543347	24.935	ug/L	99
53) m,p-Xylene	11.792	106	209190	25.602	ug/L	92
54) o-Xylene	12.116	106	194506	24.976	ug/L	96
55) Styrene	12.134	104	358499	25.588	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	108374	23.719	ug/L	95
59) Bromoform	12.298	173	68417	24.897	ug/L	100
60) Isopropylbenzene	12.416	105	531682	26.124	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	74514	25.677	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	423557	26.498	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	420974	26.451	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	247465	24.771	ug/L	97
65) 1,4-Dichlorobenzene	13.533	146	257489	24.604	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	226682	24.558	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	16331	25.824	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	170778	25.307	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	141116	24.818	ug/L	99
71) Naphthalene	15.328	128	254682	26.217	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	129236	25.745	ug/L	100

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

