

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
 Data File : VW028928.D
 Acq On : 31 May 2024 08:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Jun 01 00:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 23:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	264972	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131473	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	117282	23.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
7) Chloroethane-d5	2.905	69	93868	24.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
11) 1,1-Dichloroethene-d2	4.021	65	50557	24.049	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.200%
21) 2-Butanone-d5	7.075	46	57460	43.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.540%
24) Chloroform-d	7.648	84	231562	27.968	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.880%
26) 1,2-Dichloroethane-d4	8.307	65	123064	25.962	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.840%
32) Benzene-d6	8.276	84	439225	26.913	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.640%
36) 1,2-Dichloropropane-d6	9.270	67	137702	28.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.160%
41) Toluene-d8	10.325	98	399434	27.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.560%
43) trans-1,3-Dichloroprop...	10.575	79	54183	27.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.720%
47) 2-Hexanone-d5	10.922	63	40127	47.375	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103927	25.237	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	128724	25.688	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	88313	22.935	ug/L	94
3) Chloromethane	2.229	50	99610	20.881	ug/L	97
5) Vinyl chloride	2.375	62	126212	23.500	ug/L	97
6) Bromomethane	2.796	94	73130	23.539	ug/L	100
8) Chloroethane	2.942	64	79219	25.864	ug/L	99
9) Trichlorofluoromethane	3.271	101	107695	24.425	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	111730	27.484	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	95622	26.221	ug/L	90
13) Acetone	4.119	43	56557	47.359	ug/L	98
14) Carbon disulfide	4.393	76	264480	21.459	ug/L	99
15) Methyl Acetate	4.673	43	44914	21.617	ug/L	99
16) Methylene chloride	4.923	84	109124	26.629	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	100789	26.547	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	152958	27.300	ug/L	99
19) 1,1-Dichloroethane	6.216	63	212137	28.177	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	111966	28.179	ug/L	94
22) 2-Butanone	7.167	43	63184	41.221	ug/L	98
23) Bromochloromethane	7.514	128	47954	27.668	ug/L	96
25) Chloroform	7.673	83	211514	29.047	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	141126	26.661	ug/L	99
29) Cyclohexane	7.959	56	170122	24.392	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	175890	28.695	ug/L	98
31) Carbon tetrachloride	8.069	117	156033	27.919	ug/L	98
33) Benzene	8.325	78	450836	28.423	ug/L	100
34) Trichloroethene	9.093	95	116377	27.365	ug/L	94
35) Methylcyclohexane	9.337	83	191487	25.765	ug/L	98
37) 1,2-Dichloropropane	9.368	63	120589	29.176	ug/L	100
38) Bromodichloromethane	9.642	83	147342	29.244	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	175706	29.660	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	131561	46.768	ug/L	100
42) Toluene	10.386	91	471892	28.804	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	142570	28.543	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	82674	27.612	ug/L	98
46) Tetrachloroethene	10.861	164	85003	27.742	ug/L	97
48) 2-Hexanone	10.965	43	97853	49.272	ug/L	99
49) Dibromochloromethane	11.129	129	89930	29.945	ug/L	100
50) 1,2-Dibromoethane	11.233	107	72516	25.855	ug/L	99
51) Chlorobenzene	11.654	112	297940	29.400	ug/L	97
52) Ethylbenzene	11.727	91	540780	29.168	ug/L	96
53) m,p-Xylene	11.837	106	206637	30.405	ug/L	96
54) o-Xylene	12.160	106	191706	30.492	ug/L	100
55) Styrene	12.178	104	337229	31.655	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	97227	25.882	ug/L	95
59) Bromoform	12.349	173	49182	25.641	ug/L	99
60) Isopropylbenzene	12.458	105	552977	27.723	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70198	22.093	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	405026	28.700	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	441461	29.032	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	235741	28.410	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	234163	27.603	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	207310	27.914	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14385	19.364	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	167985	30.169	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	131898	29.317	ug/L	97
71) Naphthalene	15.360	128	228394	23.827	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	111959	27.578	ug/L	99

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

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