

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121724\
 Data File : VW031327.D
 Acq On : 17 Dec 2024 19:01
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

Quant Time: Dec 18 00:21:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 18 00:14:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	565575	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	499497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	255381	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	195286	22.949	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.800%
7) Chloroethane-d5	2.899	69	159814	25.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.560%
11) 1,1-Dichloroethene-d2	4.021	65	89872	22.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.040%
21) 2-Butanone-d5	7.093	46	99364	62.002	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.000%
24) Chloroform-d	7.648	84	400147	25.822	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.280%
26) 1,2-Dichloroethane-d4	8.307	65	215494	27.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.760%
32) Benzene-d6	8.276	84	777172	24.275	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.120%
36) 1,2-Dichloropropane-d6	9.270	67	232142	24.880	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	10.318	98	717626	24.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	10.574	79	103904	24.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.922	63	79252	63.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	176859	30.189	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.760%#
66) 1,2-Dichlorobenzene-d4	13.848	152	230718	24.335	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	125080	24.471	ug/L	99
3) Chloromethane	2.216	50	142301	24.781	ug/L	99
5) Vinyl chloride	2.375	62	208765	26.234	ug/L	95
6) Bromomethane	2.789	94	133511	27.289	ug/L	97
8) Chloroethane	2.936	64	131640	27.816	ug/L	100
9) Trichlorofluoromethane	3.265	101	195297	23.037	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	172726	25.231	ug/L	96
12) 1,1-Dichloroethene	4.039	96	177853	25.651	ug/L	96
13) Acetone	4.167	43	60716	27.204	ug/L #	100
14) Carbon disulfide	4.387	76	508601	22.492	ug/L	99
15) Methyl Acetate	4.685	43	78872	31.114	ug/L	99
16) Methylene chloride	4.923	84	183422	25.775	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	194633	26.042	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	360564	28.858	ug/L	99
19) 1,1-Dichloroethane	6.216	63	369313	26.444	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	218197	26.984	ug/L	98
22) 2-Butanone	7.191	43	103234	38.175	ug/L	96
23) Bromochloromethane	7.514	128	92349	28.636	ug/L	91
25) Chloroform	7.673	83	394016	28.586	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	253772	29.285	ug/L	99
29) Cyclohexane	7.953	56	307530	22.702	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	315486	24.436	ug/L	98
31) Carbon tetrachloride	8.063	117	276956	24.079	ug/L	98
33) Benzene	8.325	78	800992	25.949	ug/L	100
34) Trichloroethene	9.087	95	217612	24.971	ug/L	93
35) Methylcyclohexane	9.331	83	347773	22.915	ug/L	99
37) 1,2-Dichloropropane	9.367	63	203373	26.411	ug/L	99
38) Bromodichloromethane	9.642	83	262452	26.217	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	340537	26.170	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	249287	61.019	ug/L	99
42) Toluene	10.386	91	879167	26.160	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	283482	26.681	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	148217	28.938	ug/L	94
46) Tetrachloroethene	10.861	164	163506	25.614	ug/L	92
48) 2-Hexanone	10.965	43	161446	46.464	ug/L	99
49) Dibromochloromethane	11.129	129	168495	27.752	ug/L	86
50) 1,2-Dibromoethane	11.233	107	146156	30.123	ug/L	94
51) Chlorobenzene	11.654	112	565707	26.847	ug/L	94
52) Ethylbenzene	11.727	91	1007363	25.863	ug/L	98
53) m,p-Xylene	11.836	106	388241	26.183	ug/L	99
54) o-Xylene	12.160	106	361237	25.850	ug/L	94
55) Styrene	12.178	104	619237	26.640	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	176816	32.023	ug/L	99
59) Bromoform	12.342	173	90978	25.359	ug/L	98
60) Isopropylbenzene	12.458	105	1001360	23.960	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	128196	29.336	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	821482	23.185	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	819300	23.924	ug/L	99
64) 1,3-Dichlorobenzene	13.489	146	418425	24.712	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	420212	25.047	ug/L	97
67) 1,2-Dichlorobenzene	13.860	146	373243	25.583	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	30370	27.386	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	283198	23.881	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	237242	24.050	ug/L	99
71) Naphthalene	15.360	128	492596	28.482	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	207528	26.111	ug/L	97

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

