

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031496.D
 Acq On : 22 Dec 2024 07:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025605

Quant Time: Dec 26 03:20:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 24 00:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	505082	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	457054	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	228878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	170085	22.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.520%
7) Chloroethane-d5	2.899	69	144220	25.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	4.021	65	70761	19.630	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.520%
21) 2-Butanone-d5	7.100	46	73728	51.515	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.040%
24) Chloroform-d	7.654	84	338786	24.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	8.307	65	178340	25.660	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.640%
32) Benzene-d6	8.276	84	641662	21.904	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	9.270	67	201616	23.615	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.440%
41) Toluene-d8	10.325	98	606299	22.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.581	79	74909	19.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.120%
47) 2-Hexanone-d5	10.922	63	57710	50.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152065	28.367	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	198833	23.401	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104300	22.849	ug/L	90
3) Chloromethane	2.222	50	129247	25.204	ug/L	94
5) Vinyl chloride	2.369	62	198968	27.997	ug/L	97
6) Bromomethane	2.795	94	129942	29.741	ug/L	99
8) Chloroethane	2.936	64	129166	30.562	ug/L	98
9) Trichlorofluoromethane	3.265	101	194903	25.744	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	149511	24.456	ug/L	96
12) 1,1-Dichloroethene	4.045	96	152456	24.622	ug/L	83
13) Acetone	4.192	43	60666	30.437	ug/L #	100
14) Carbon disulfide	4.387	76	407255	20.167	ug/L	100
15) Methyl Acetate	4.691	43	56807	25.094	ug/L	95
16) Methylene chloride	4.923	84	168475	26.510	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	170072	25.481	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	303223	27.175	ug/L	98
19) 1,1-Dichloroethane	6.222	63	329454	26.415	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	197401	27.336	ug/L	98
22) 2-Butanone	7.197	43	84428	34.960	ug/L	96
23) Bromochloromethane	7.514	128	80813	28.060	ug/L	94
25) Chloroform	7.679	83	344235	27.965	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	219902	28.416	ug/L	98
29) Cyclohexane	7.959	56	261637	21.108	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	271951	23.021	ug/L	99
31) Carbon tetrachloride	8.069	117	230874	21.936	ug/L	99
33) Benzene	8.325	78	734086	25.990	ug/L	100
34) Trichloroethene	9.087	95	197282	24.740	ug/L	88
35) Methylcyclohexane	9.337	83	310221	22.339	ug/L	97
37) 1,2-Dichloropropane	9.367	63	188015	26.683	ug/L	99
38) Bromodichloromethane	9.642	83	231907	25.317	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	287528	24.148	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	185788	49.699	ug/L	98
42) Toluene	10.386	91	800070	26.017	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	226612	23.309	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	132059	28.177	ug/L	94
46) Tetrachloroethene	10.861	164	146597	25.098	ug/L	91
48) 2-Hexanone	10.971	43	128791	40.508	ug/L	99
49) Dibromochloromethane	11.123	129	141758	25.517	ug/L	99
50) 1,2-Dibromoethane	11.233	107	121580	27.384	ug/L	94
51) Chlorobenzene	11.654	112	518935	26.915	ug/L	99
52) Ethylbenzene	11.727	91	932197	26.156	ug/L	96
53) m,p-Xylene	11.836	106	354322	26.115	ug/L	95
54) o-Xylene	12.160	106	345480	27.018	ug/L	96
55) Styrene	12.178	104	587956	27.643	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	151025	29.892	ug/L	96
59) Bromoform	12.343	173	73111	22.738	ug/L	99
60) Isopropylbenzene	12.458	105	952062	25.419	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	108535	27.712	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	782023	24.627	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	779993	25.414	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	410532	27.053	ug/L	97
65) 1,4-Dichlorobenzene	13.568	146	402687	26.782	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	365425	27.948	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	22643	22.782	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	281833	26.518	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	230425	26.063	ug/L	100
71) Naphthalene	15.360	128	435259	28.081	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	196913	27.644	ug/L	96

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

