

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102623\
 Data File : VW027458.D
 Acq On : 26 Oct 2023 18:21
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Oct 27 01:31:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	319832	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	305128	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	159576	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98964	20.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	2.899	69	83378	23.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	4.021	65	50985	20.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.400%
21) 2-Butanone-d5	7.075	46	89972	55.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.920%
24) Chloroform-d	7.648	84	243870	25.583	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.320%
26) 1,2-Dichloroethane-d4	8.307	65	130779	25.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.160%
32) Benzene-d6	8.276	84	479677	23.236	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	9.276	67	158367	25.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.325	98	406163	21.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	10.575	79	57741	20.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.320%
47) 2-Hexanone-d5	10.922	63	65050	49.863	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129988	27.631	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.520%
66) 1,2-Dichlorobenzene-d4	13.855	152	135595	23.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	96373	25.325	ug/L #	86
3) Chloromethane	2.229	50	123272	28.188	ug/L	97
5) Vinyl chloride	2.381	62	129665	26.543	ug/L	96
6) Bromomethane	2.789	94	72014	25.882	ug/L	98
8) Chloroethane	2.936	64	76224	27.107	ug/L	98
9) Trichlorofluoromethane	3.265	101	105314	30.558	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	119073	27.591	ug/L	98
12) 1,1-Dichloroethene	4.045	96	107701	25.680	ug/L	91
13) Acetone	4.119	43	74345	53.056	ug/L	99
14) Carbon disulfide	4.387	76	276676	21.280	ug/L	99
15) Methyl Acetate	4.673	43	63885	26.693	ug/L	98
16) Methylene chloride	4.923	84	144163	24.625	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	115094	25.535	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	205630	26.443	ug/L	99
19) 1,1-Dichloroethane	6.222	63	260297	28.305	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	139699	27.445	ug/L	97
22) 2-Butanone	7.173	43	100416	47.876	ug/L	99
23) Bromochloromethane	7.514	128	56283	26.782	ug/L	90
25) Chloroform	7.679	83	248173	28.834	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	165058	28.232	ug/L	98
29) Cyclohexane	7.959	56	224953	24.281	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	191742	25.761	ug/L	97
31) Carbon tetrachloride	8.069	117	165817	24.707	ug/L	100
33) Benzene	8.325	78	535392	26.848	ug/L	100
34) Trichloroethene	9.093	95	138878	26.365	ug/L	94
35) Methylcyclohexane	9.337	83	229427	24.356	ug/L	99
37) 1,2-Dichloropropane	9.368	63	149809	27.784	ug/L	99
38) Bromodichloromethane	9.642	83	176103	26.561	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	225900	25.363	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	194938	52.571	ug/L	98
42) Toluene	10.386	91	558943	26.719	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	182870	24.333	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	103509	27.897	ug/L	96
46) Tetrachloroethene	10.861	164	91712	25.215	ug/L	95
48) 2-Hexanone	10.965	43	141118	51.419	ug/L	97
49) Dibromochloromethane	11.129	129	102267	24.819	ug/L	96
50) 1,2-Dibromoethane	11.233	107	91542	25.447	ug/L	98
51) Chlorobenzene	11.654	112	353335	26.973	ug/L	98
52) Ethylbenzene	11.727	91	643941	26.490	ug/L	93
53) m,p-Xylene	11.837	106	238910	25.912	ug/L	95
54) o-Xylene	12.160	106	235693	26.694	ug/L	100
55) Styrene	12.178	104	406606	26.965	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	126731	27.979	ug/L	100
59) Bromoform	12.349	173	53388	22.484	ug/L	98
60) Isopropylbenzene	12.458	105	657972	26.247	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	91862	26.365	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	536163	25.641	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	529397	25.875	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	268770	26.439	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	262650	25.872	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	238711	26.463	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	18684	21.456	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	169387	25.668	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	142360	25.345	ug/L	97
71) Naphthalene	15.360	128	270148	23.388	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	119825	25.944	ug/L	91

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

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