

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
 Data File : VW027318.D
 Acq On : 17 Oct 2023 19:01
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Oct 18 05:27:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 16 01:55:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	454391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	425941	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	212062	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	172480	24.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.480%
7) Chloroethane-d5	2.899	69	136506	27.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.640%
11) 1,1-Dichloroethene-d2	4.021	65	88529	25.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.920%
21) 2-Butanone-d5	7.081	46	110867	48.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.200%
24) Chloroform-d	7.648	84	367726	27.152	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	8.307	65	193502	26.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	8.276	84	771652	26.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.120%
36) 1,2-Dichloropropane-d6	9.270	67	234021	26.587	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.360%
41) Toluene-d8	10.325	98	670571	25.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.575	79	98467	24.536	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.160%
47) 2-Hexanone-d5	10.922	63	88916	48.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	166110	25.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	194384	25.295	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	133030m	24.606	ug/L	
3) Chloromethane	2.223	50	152930	24.614	ug/L	97
5) Vinyl chloride	2.381	62	169534	24.428	ug/L	96
6) Bromomethane	2.789	94	97024	24.544	ug/L	93
8) Chloroethane	2.936	64	102638	25.692	ug/L	99
9) Trichlorofluoromethane	3.271	101	130612	26.675	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	148575	24.233	ug/L	98
12) 1,1-Dichloroethene	4.045	96	147458	24.748	ug/L	96
13) Acetone	4.137	43	81460	40.918	ug/L	100
14) Carbon disulfide	4.387	76	435792	23.593	ug/L	99
15) Methyl Acetate	4.673	43	81174	23.873	ug/L	99
16) Methylene chloride	4.923	84	166152	19.976	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	159644	24.930	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	285426	25.835	ug/L	99
19) 1,1-Dichloroethane	6.222	63	337482	25.831	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	186496	25.789	ug/L	97
22) 2-Butanone	7.173	43	119474	40.094	ug/L	99
23) Bromochloromethane	7.514	128	74868	25.076	ug/L	94
25) Chloroform	7.679	83	320791	26.234	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	211698	25.486	ug/L	98
29) Cyclohexane	7.959	56	298987	23.119	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	262123	25.228	ug/L	99
31) Carbon tetrachloride	8.069	117	228283	24.367	ug/L	99
33) Benzene	8.325	78	702383	25.232	ug/L	100
34) Trichloroethene	9.093	95	182928	24.878	ug/L	96
35) Methylcyclohexane	9.331	83	300464	22.850	ug/L	99
37) 1,2-Dichloropropane	9.368	63	190725	25.340	ug/L	98
38) Bromodichloromethane	9.648	83	232422	25.113	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	300011	24.130	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	242807	46.908	ug/L	100
42) Toluene	10.386	91	725188	24.834	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	247530	23.595	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	128138	24.740	ug/L	95
46) Tetrachloroethene	10.861	164	126452	24.906	ug/L	95
48) 2-Hexanone	10.965	43	167202	43.643	ug/L	99
49) Dibromochloromethane	11.129	129	138564	24.089	ug/L	92
50) 1,2-Dibromoethane	11.233	107	122361	24.367	ug/L	99
51) Chlorobenzene	11.654	112	456296	24.953	ug/L	99
52) Ethylbenzene	11.727	91	857690	25.275	ug/L	96
53) m,p-Xylene	11.837	106	319924	24.857	ug/L	98
54) o-Xylene	12.166	106	304120	24.675	ug/L	100
55) Styrene	12.178	104	529653	25.162	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	152329	24.092	ug/L	99
59) Bromoform	12.349	173	73822	23.395	ug/L	99
60) Isopropylbenzene	12.458	105	826961	24.823	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	112978	24.400	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	689142	24.800	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	668979	24.605	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	329980	24.426	ug/L	95
65) 1,4-Dichlorobenzene	13.580	146	322342	23.893	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	291634	24.328	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	24954	21.563	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.629	180	206218	23.515	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	172924	23.167	ug/L	98
71) Naphthalene	15.360	128	347511	22.639	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	142898	23.282	ug/L	93

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

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