

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024528.D
 Acq On : 02 Sep 2022 12:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Quant Time: Sep 02 23:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:48:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	361469	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	344483	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	182517	25.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.200%
7) Chloroethane-d5	2.873	69	135406	25.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.840%
11) 1,1-Dichloroethene-d2	4.013	63	205022	24.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.520%
21) 2-Butanone-d5	7.074	46	57360	50.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.840%
24) Chloroform-d	7.647	84	232768	24.183	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	8.305	65	124340	23.920	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.275	84	452900	25.203	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.274	67	129649	24.657	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	10.323	98	437867	25.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	10.579	79	57249	24.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.920	63	49124	54.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118889	24.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	143968	23.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	29686	28.782	ug/L	100
3) Chloromethane	2.215	50	125680	24.971	ug/L	98
5) Vinyl chloride	2.355	62	203425	22.770	ug/L	100
6) Bromomethane	2.769	94	135672	22.389	ug/L	99
8) Chloroethane	2.910	64	112687	23.851	ug/L	99
9) Trichlorofluoromethane	3.245	101	96955	28.742	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	119952	23.733	ug/L	97
12) 1,1-Dichloroethene	4.031	96	105206	23.566	ug/L	90
13) Acetone	4.123	43	37190	42.004	ug/L	87
14) Carbon disulfide	4.379	76	285411	23.258	ug/L	98
15) Methyl Acetate	4.672	43	52279	24.280	ug/L	98
16) Methylene chloride	4.915	84	116669	22.801	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	116854	23.603	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	216276	25.201	ug/L	100
19) 1,1-Dichloroethane	6.214	63	212562	23.708	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	132264	24.598	ug/L	92
22) 2-Butanone	7.171	43	70695	48.835	ug/L	100
23) Bromochloromethane	7.519	128	62760	25.100	ug/L	80
25) Chloroform	7.677	83	237845	24.162	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	156014	24.129	ug/L	98
29) Cyclohexane	7.951	56	179109	25.042	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	194975	25.022	ug/L	96
31) Carbon tetrachloride	8.067	117	174483	24.696	ug/L	96
33) Benzene	8.323	78	505941	24.698	ug/L	100
34) Trichloroethene	9.092	95	133605	24.571	ug/L	96
35) Methylcyclohexane	9.329	83	208274	24.205	ug/L	99
37) 1,2-Dichloropropane	9.366	63	122888	24.895	ug/L	100
38) Bromodichloromethane	9.646	83	177837	25.487	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	191235	25.732	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	167481	54.557	ug/L	98
42) Toluene	10.384	91	559338	25.075	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	172127	25.820	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	103180	25.036	ug/L	97
46) Tetrachloroethene	10.860	164	96513	24.288	ug/L	89
48) 2-Hexanone	10.969	43	116519	57.050	ug/L	99
49) Dibromochloromethane	11.128	129	127032	26.232	ug/L	99
50) 1,2-Dibromoethane	11.231	107	101164	25.919	ug/L	94
51) Chlorobenzene	11.658	112	366799	24.231	ug/L	98
52) Ethylbenzene	11.725	91	633988	25.390	ug/L	99
53) m,p-Xylene	11.835	106	249587	25.560	ug/L	98
54) o-Xylene	12.164	106	235077	25.148	ug/L	100
55) Styrene	12.176	104	432711	26.649	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	130985	25.682	ug/L	97
59) Bromoform	12.347	173	67435	25.099	ug/L	99
60) Isopropylbenzene	12.463	105	650643	24.871	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94956	25.418	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	546579	25.327	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	544028	25.757	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	296348	25.431	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	292360	24.489	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	264553	24.590	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20440	24.173	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	185735	24.792	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	155365	27.121	ug/L	96
71) Naphthalene	15.365	128	343481	28.361	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	135749	26.275	ug/L	95

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

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