

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024869.D
 Acq On : 12 Oct 2022 13:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: Oct 12 23:14:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 23:05:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	503090	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	468056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	220838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	138573	23.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
7) Chloroethane-d5	2.892	69	85770	24.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	4.032	63	330974	25.647	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.600%
21) 2-Butanone-d5	7.080	46	86703	46.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.200%
24) Chloroform-d	7.653	84	341749	24.084	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.320%
26) 1,2-Dichloroethane-d4	8.305	65	173082	23.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.240%
32) Benzene-d6	8.275	84	705949	24.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	9.275	67	215486	23.937	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	639288	24.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.080%
43) trans-1,3-Dichloroprop...	10.579	79	82870	24.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.921	63	67588	44.781	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	156743	22.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.320%
66) 1,2-Dichlorobenzene-d4	13.847	152	187283	23.206	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	47572	21.135	ug/L	94
3) Chloromethane	2.221	50	138685	26.455	ug/L	100
5) Vinyl chloride	2.367	62	199601	27.908	ug/L	100
6) Bromomethane	2.782	94	94105	27.090	ug/L	96
8) Chloroethane	2.928	64	82765	27.773	ug/L	99
9) Trichlorofluoromethane	3.263	101	113213	32.001	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	185825	25.798	ug/L	99
12) 1,1-Dichloroethene	4.050	96	182583	26.788	ug/L	85
13) Acetone	4.135	43	58505	44.457	ug/L	98
14) Carbon disulfide	4.391	76	622594	27.965	ug/L	100
15) Methyl Acetate	4.678	43	78425	24.487	ug/L	100
16) Methylene chloride	4.922	84	202684	22.818	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	200497	27.024	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	303150	27.496	ug/L	99
19) 1,1-Dichloroethane	6.220	63	369534	26.922	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	211476	26.374	ug/L	96
22) 2-Butanone	7.177	43	100809	45.919	ug/L	99
23) Bromochloromethane	7.519	128	85994	26.220	ug/L	87
25) Chloroform	7.677	83	358304	26.595	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	226519	26.001	ug/L	100
29) Cyclohexane	7.958	56	363406	26.734	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	285840	26.555	ug/L	99
31) Carbon tetrachloride	8.074	117	250376	26.492	ug/L	97
33) Benzene	8.324	78	839822	26.374	ug/L	100
34) Trichloroethene	9.092	95	209630	26.141	ug/L	99
35) Methylcyclohexane	9.336	83	383890	26.599	ug/L	100
37) 1,2-Dichloropropane	9.372	63	207373	26.132	ug/L	100
38) Bromodichloromethane	9.646	83	257426	26.254	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	307017	26.766	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	227003	48.398	ug/L	99
42) Toluene	10.390	91	879208	26.930	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	253672	26.637	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	137672	24.837	ug/L	98
46) Tetrachloroethene	10.860	164	138370	25.377	ug/L	95
48) 2-Hexanone	10.969	43	153843	48.376	ug/L	97
49) Dibromochloromethane	11.128	129	156214	25.458	ug/L	92
50) 1,2-Dibromoethane	11.232	107	131245	25.134	ug/L	93
51) Chlorobenzene	11.658	112	531009	25.878	ug/L	99
52) Ethylbenzene	11.731	91	949064	25.960	ug/L	97
53) m,p-Xylene	11.835	106	372644	26.829	ug/L	98
54) o-Xylene	12.164	106	354199	26.782	ug/L	98
55) Styrene	12.177	104	594274	26.199	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	165504	24.473	ug/L	97
59) Bromoform	12.347	173	76862	26.011	ug/L #	98
60) Isopropylbenzene	12.463	105	958029	26.894	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	120045	24.722	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	826497	27.023	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	815271	27.647	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	382333	26.354	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	376023	25.606	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	345831	26.819	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	25786	24.431	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	251462	26.547	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	195710	25.465	ug/L	99
71) Naphthalene	15.359	128	420302	25.240	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	170505	25.993	ug/L	98

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

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