

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102022\
 Data File : VW024958.D
 Acq On : 20 Oct 2022 08:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

Quant Time: Oct 20 21:12:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 01:56:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	499465	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	430874	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217132	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122898	20.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
7) Chloroethane-d5	2.892	69	75134	21.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
11) 1,1-Dichloroethene-d2	4.025	63	296979	23.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.720%
21) 2-Butanone-d5	7.080	46	73162	39.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.380%
24) Chloroform-d	7.653	84	306944	21.788	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	8.305	65	151556	20.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.240%
32) Benzene-d6	8.275	84	626648	23.193	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	9.274	67	189916	22.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.680%
41) Toluene-d8	10.323	98	557585	22.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	10.579	79	71863	22.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.921	63	56405	40.597	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	133048	20.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.360%
66) 1,2-Dichlorobenzene-d4	13.847	152	168887	21.284	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	35230	15.766	ug/L	92
3) Chloromethane	2.221	50	132063	25.375	ug/L	99
5) Vinyl chloride	2.367	62	195199	27.491	ug/L	99
6) Bromomethane	2.782	94	87409	25.345	ug/L	91
8) Chloroethane	2.928	64	77263	26.115	ug/L	98
9) Trichlorofluoromethane	3.263	101	118386	33.706	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	185289	25.910	ug/L	98
12) 1,1-Dichloroethene	4.044	96	177416	26.219	ug/L	89
13) Acetone	4.123	43	70576	54.019	ug/L	98
14) Carbon disulfide	4.391	76	569919	25.785	ug/L	100
15) Methyl Acetate	4.672	43	67301	21.166	ug/L	98
16) Methylene chloride	4.922	84	178456	20.236	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	193445	26.263	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	260841	23.831	ug/L	100
19) 1,1-Dichloroethane	6.220	63	344309	25.266	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	198185	24.896	ug/L	99
22) 2-Butanone	7.171	43	93033	42.685	ug/L	99
23) Bromochloromethane	7.519	128	78130	23.995	ug/L	91
25) Chloroform	7.677	83	329140	24.607	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	200245	23.152	ug/L	98
29) Cyclohexane	7.958	56	349956	27.966	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	279037	28.160	ug/L	99
31) Carbon tetrachloride	8.073	117	245601	28.229	ug/L	98
33) Benzene	8.323	78	787326	26.859	ug/L	100
34) Trichloroethene	9.092	95	196651	26.639	ug/L	99
35) Methylcyclohexane	9.335	83	371216	27.941	ug/L	98
37) 1,2-Dichloropropane	9.366	63	190846	26.124	ug/L	100
38) Bromodichloromethane	9.646	83	231025	25.595	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	280991	26.611	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	184776	42.794	ug/L	99
42) Toluene	10.384	91	819554	27.269	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	231724	26.432	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	123779	24.257	ug/L	99
46) Tetrachloroethene	10.860	164	137270	27.347	ug/L	96
48) 2-Hexanone	10.969	43	130112	44.444	ug/L	98
49) Dibromochloromethane	11.128	129	144373	25.558	ug/L	98
50) 1,2-Dibromoethane	11.238	107	116956	24.330	ug/L	98
51) Chlorobenzene	11.658	112	499247	26.430	ug/L	95
52) Ethylbenzene	11.731	91	913221	27.135	ug/L	97
53) m,p-Xylene	11.835	106	354010	27.686	ug/L	94
54) o-Xylene	12.164	106	327869	26.931	ug/L	98
55) Styrene	12.176	104	569639	27.280	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	142145	22.832	ug/L	94
59) Bromoform	12.347	173	67199	23.129	ug/L #	98
60) Isopropylbenzene	12.463	105	908944	25.951	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	103747	21.730	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	779660	25.927	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	758939	26.176	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	363061	25.452	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	353879	24.509	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	307828	24.279	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	20783	20.027	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	241666	25.949	ug/L	98
70) 1,2,4-trichlorobenzene	15.121	180	181312	23.995	ug/L	98
71) Naphthalene	15.359	128	356025	21.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152469	23.640	ug/L	98

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

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