

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023306.D
 Acq On : 25 May 2022 08:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: May 26 01:24:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 25 04:05:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	352335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	346194	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	204241	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	129679	17.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.760%
7) Chloroethane-d5	2.879	69	90430	19.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.920%
11) 1,1-Dichloroethene-d2	4.019	63	199835	21.395	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.600%
21) 2-Butanone-d5	7.074	46	58559	42.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.220%
24) Chloroform-d	7.641	84	243482	23.587	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	8.305	65	125711	22.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	8.269	84	454507	22.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	9.268	67	131240	23.414	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.640%
41) Toluene-d8	10.323	98	441627	22.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	10.573	79	59172	22.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.720%
47) 2-Hexanone-d5	10.921	63	47376	44.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	122424	23.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	165673	23.205	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	43287	22.537	ug/L	96
3) Chloromethane	2.215	50	117359	31.620	ug/L	99
5) Vinyl chloride	2.361	62	181673	24.390	ug/L	98
6) Bromomethane	2.776	94	89213	18.654	ug/L	98
8) Chloroethane	2.916	64	87652	24.398	ug/L	98
9) Trichlorofluoromethane	3.257	101	80565	23.664	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	136007	26.717	ug/L	97
12) 1,1-Dichloroethene	4.038	96	118616	26.285	ug/L	91
13) Acetone	4.117	43	48144	46.787	ug/L	98
14) Carbon disulfide	4.379	76	308671	24.950	ug/L	98
15) Methyl Acetate	4.659	43	47191	22.828	ug/L	99
16) Methylene chloride	4.909	84	130606	25.333	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	137794	27.134	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	206097	26.586	ug/L	99
19) 1,1-Dichloroethane	6.214	63	232221	26.981	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	148970	27.311	ug/L #	99
22) 2-Butanone	7.165	43	69977	48.627	ug/L	98
23) Bromochloromethane	7.513	128	70162	27.467	ug/L	88
25) Chloroform	7.671	83	261413	27.468	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	168796	26.607	ug/L	100
29) Cyclohexane	7.952	56	210910	28.170	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	229496	28.052	ug/L	98
31) Carbon tetrachloride	8.067	117	215020	28.096	ug/L	100
33) Benzene	8.323	78	558716	27.395	ug/L	100
34) Trichloroethene	9.092	95	155210	27.673	ug/L	97
35) Methylcyclohexane	9.335	83	264513	28.708	ug/L	99
37) 1,2-Dichloropropane	9.366	63	132935	26.935	ug/L	99
38) Bromodichloromethane	9.640	83	189052	26.969	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	213533	27.903	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	148375	47.697	ug/L	97
42) Toluene	10.384	91	653091	28.574	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	189762	27.782	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109182	26.463	ug/L	99
46) Tetrachloroethene	10.860	164	127217	30.182	ug/L	83
48) 2-Hexanone	10.963	43	108421	52.164	ug/L	99
49) Dibromochloromethane	11.128	129	135765	27.341	ug/L	95
50) 1,2-Dibromoethane	11.231	107	106983	25.824	ug/L	93
51) Chlorobenzene	11.658	112	426523	28.307	ug/L	98
52) Ethylbenzene	11.725	91	731468	28.767	ug/L	98
53) m,p-Xylene	11.835	106	295415	29.485	ug/L	99
54) o-Xylene	12.164	106	279880	29.110	ug/L	99
55) Styrene	12.176	104	480659	29.421	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	128698	24.974	ug/L	99
59) Bromoform	12.347	173	73556	25.413	ug/L	100
60) Isopropylbenzene	12.463	105	791056	28.272	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	93216	22.842	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	432655	27.794	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	649804	27.801	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	347509	27.818	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	347913	26.963	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	314725	27.532	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20121	22.560	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	236402	28.509	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	191784	28.752	ug/L	98
71) Naphthalene	15.359	128	373748	25.779	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	161281	27.280	ug/L	96

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

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