

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
 Data File : VW019671.D
 Acq On : 05 Aug 2021 09:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025503

Quant Time: Aug 06 01:31:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 04 20:09:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	432175	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	413424	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	216711	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111015	18.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.520%
7) Chloroethane-d5	2.898	69	95237	21.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	4.025	63	254463	21.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.080	46	90727	51.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.100%
24) Chloroform-d	7.653	84	273626	22.914	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	8.305	65	158477	24.183	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.720%
32) Benzene-d6	8.275	84	503419	20.456	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.840%
36) 1,2-Dichloropropane-d6	9.274	67	157221	20.497	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.000%
41) Toluene-d8	10.323	98	457900	20.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	10.579	79	69612	21.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.920	63	71278	50.089	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	156307	25.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	161180	21.080	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	111735	21.704	ug/L	96
3) Chloromethane	2.221	50	114874	21.745	ug/L	100
5) Vinyl chloride	2.367	62	184665	25.398	ug/L	98
6) Bromomethane	2.788	94	116262	28.919	ug/L	97
8) Chloroethane	2.934	64	110885	28.652	ug/L	95
9) Trichlorofluoromethane	3.269	101	146828	33.242	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	156095	27.628	ug/L	98
12) 1,1-Dichloroethene	4.050	96	146886	26.034	ug/L	90
13) Acetone	4.123	43	88308	67.433	ug/L	93
14) Carbon disulfide	4.391	76	446337	24.704	ug/L	99
15) Methyl Acetate	4.665	43	80540	27.632	ug/L	99
16) Methylene chloride	4.922	84	186426	21.638	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	158175	25.780	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	235227	27.749	ug/L	98
19) 1,1-Dichloroethane	6.220	63	297577	26.416	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	171099	26.366	ug/L	92
22) 2-Butanone	7.171	43	113000	55.765	ug/L	99
23) Bromochloromethane	7.519	128	78477	26.852	ug/L	95
25) Chloroform	7.677	83	308302	27.667	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	219704	29.305	ug/L	99
29) Cyclohexane	7.958	56	248178	23.409	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	245648	28.790	ug/L	99
31) Carbon tetrachloride	8.073	117	227442	28.650	ug/L	99
33) Benzene	8.323	78	666371	25.751	ug/L	100
34) Trichloroethene	9.092	95	168975	25.585	ug/L	93
35) Methylcyclohexane	9.335	83	290395	24.847	ug/L	97
37) 1,2-Dichloropropane	9.372	63	169402	25.832	ug/L	99
38) Bromodichloromethane	9.646	83	221902	27.289	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	259697	25.895	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	230326	55.648	ug/L	98
42) Toluene	10.390	91	724064	26.846	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	240321	27.243	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	133217	27.302	ug/L	97
46) Tetrachloroethene	10.866	164	130152	25.856	ug/L	99
48) 2-Hexanone	10.969	43	175819	62.369	ug/L	98
49) Dibromochloromethane	11.128	129	149808	28.549	ug/L	95
50) 1,2-Dibromoethane	11.237	107	125490	26.814	ug/L	100
51) Chlorobenzene	11.658	112	448037	26.417	ug/L	96
52) Ethylbenzene	11.731	91	774958	26.392	ug/L	97
53) m,p-Xylene	11.841	106	291651	26.283	ug/L	87
54) o-Xylene	12.164	106	283669	27.052	ug/L	95
55) Styrene	12.182	104	504976	27.793	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	169611	28.227	ug/L	98
59) Bromoform	12.347	173	84255	27.238	ug/L	100
60) Isopropylbenzene	12.463	105	773899	26.572	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	130729	27.538	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	636269	26.092	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	651998	26.535	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	329722	24.740	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	344199	26.136	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	306971	25.566	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	29718	28.687	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	229210	23.537	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	185351	22.765	ug/L	97
71) Naphthalene	15.365	128	444778	27.048	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	179601	24.632	ug/L	99

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

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