

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081621\
 Data File : VW019742.D
 Acq On : 16 Aug 2021 09:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Aug 17 01:45:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 14 01:17:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	329022	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	313566	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	163889	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	87540	22.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.120%
7) Chloroethane-d5	2.898	69	97779	25.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	4.025	63	170013	21.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.040%
21) 2-Butanone-d5	7.080	46	78420	62.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.000%
24) Chloroform-d	7.653	84	229925	23.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.305	65	132115	22.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.280%
32) Benzene-d6	8.281	84	403884	19.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	9.275	67	134939	21.605	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	10.323	98	350094	18.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.960%
43) trans-1,3-Dichloroprop...	10.579	79	58657	22.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.000%
47) 2-Hexanone-d5	10.927	63	63224	57.701	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	136435	25.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	140462	23.238	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	75164	20.866	ug/L	97
3) Chloromethane	2.221	50	89879	24.660	ug/L	97
5) Vinyl chloride	2.373	62	137811	28.065	ug/L	98
6) Bromomethane	2.788	94	108065	28.093	ug/L	98
8) Chloroethane	2.934	64	96937	29.358	ug/L	95
9) Trichlorofluoromethane	3.269	101	94788	31.182	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	108207	26.710	ug/L	96
12) 1,1-Dichloroethene	4.044	96	100948	25.604	ug/L	96
13) Acetone	4.135	43	55636	53.943	ug/L	89
14) Carbon disulfide	4.391	76	275834	24.573	ug/L	100
15) Methyl Acetate	4.672	43	54828	28.425	ug/L	99
16) Methylene chloride	4.922	84	118522	21.556	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	108473	25.169	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	154704	24.706	ug/L	97
19) 1,1-Dichloroethane	6.220	63	210012	23.187	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	123434	25.273	ug/L	94
22) 2-Butanone	7.171	43	75408	54.658	ug/L	100
23) Bromochloromethane	7.519	128	57594	25.485	ug/L	93
25) Chloroform	7.677	83	221178	23.841	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	152409	23.521	ug/L	98
29) Cyclohexane	7.964	56	167204	21.518	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	173961	21.669	ug/L	99
31) Carbon tetrachloride	8.067	117	160659	21.684	ug/L	99
33) Benzene	8.330	78	473073	21.770	ug/L	100
34) Trichloroethene	9.092	95	117908	21.885	ug/L	95
35) Methylcyclohexane	9.335	83	198550	22.270	ug/L	98
37) 1,2-Dichloropropane	9.372	63	123398	22.722	ug/L	99
38) Bromodichloromethane	9.646	83	161088	23.418	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	186961	22.563	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	162773	48.770	ug/L	98
42) Toluene	10.390	91	505274	22.148	ug/L	92
44) trans-1,3-Dichloropropene	10.604	75	172804	23.815	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	96452	24.013	ug/L	95
46) Tetrachloroethene	10.866	164	89656	22.132	ug/L	96
48) 2-Hexanone	10.969	43	123675	53.864	ug/L	99
49) Dibromochloromethane	11.128	129	109330	24.566	ug/L	98
50) 1,2-Dibromoethane	11.238	107	89999	23.545	ug/L	98
51) Chlorobenzene	11.658	112	323086	23.159	ug/L	97
52) Ethylbenzene	11.731	91	546950	22.875	ug/L	99
53) m,p-Xylene	11.841	106	211917	23.280	ug/L	100
54) o-Xylene	12.164	106	202538	23.055	ug/L	97
55) Styrene	12.183	104	356129	23.606	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	123518	24.168	ug/L	100
59) Bromoform	12.347	173	60775	24.397	ug/L	98
60) Isopropylbenzene	12.463	105	543788	24.263	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90709	24.474	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	452542	24.247	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	457047	23.475	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	246348	22.698	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	251980	23.030	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	226463	23.771	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19618	27.125	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	175239	25.275	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	144738	24.793	ug/L	98
71) Naphthalene	15.365	128	313893	27.663	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	133249	25.805	ug/L	98

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

