

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020593.D
 Acq On : 19 Oct 2021 04:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025039

Quant Time: Oct 19 07:55:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	169605	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	162762	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	85560	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	51953	21.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.200%
7) Chloroethane-d5	2.873	69	24705	18.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	4.019	63	113079	22.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.080	46	50037	66.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.240%
24) Chloroform-d	7.653	84	142925	26.436	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.760%
26) 1,2-Dichloroethane-d4	8.305	65	84113	27.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.960%
32) Benzene-d6	8.275	84	262916	24.557	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.240%
36) 1,2-Dichloropropane-d6	9.274	67	87921	25.197	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.800%
41) Toluene-d8	10.323	98	237589	24.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	10.579	79	36279	25.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.927	63	36085	67.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.460%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	77613	29.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	82824	24.746	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	21856	19.942	ug/L	98
3) Chloromethane	2.215	50	60177	26.407	ug/L	95
5) Vinyl chloride	2.355	62	76847	23.975	ug/L	97
6) Bromomethane	2.770	94	29268	21.024	ug/L	94
8) Chloroethane	2.910	64	22384	18.913	ug/L	98
9) Trichlorofluoromethane	3.251	101	29362	16.101	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	66502	25.569	ug/L	99
12) 1,1-Dichloroethene	4.038	96	59423	24.919	ug/L	99
13) Acetone	4.129	43	33825	49.053	ug/L	98
14) Carbon disulfide	4.379	76	177372	22.867	ug/L	99
15) Methyl Acetate	4.672	43	41945	32.755	ug/L	100
16) Methylene chloride	4.909	84	81817	24.815	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	67332	26.912	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	110660	31.394	ug/L	99
19) 1,1-Dichloroethane	6.214	63	142807	27.843	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	75549	29.052	ug/L	97
22) 2-Butanone	7.177	43	54835	63.528	ug/L	97
23) Bromochloromethane	7.513	128	33276	29.175	ug/L	95
25) Chloroform	7.677	83	142684	28.616	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	102963	30.191	ug/L	99
29) Cyclohexane	7.958	56	121127	25.419	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	104834	25.927	ug/L	100
31) Carbon tetrachloride	8.067	117	90307	25.403	ug/L	98
33) Benzene	8.323	78	313821	27.070	ug/L	100
34) Trichloroethene	9.092	95	74523	26.093	ug/L	96
35) Methylcyclohexane	9.335	83	122944	25.155	ug/L	100
37) 1,2-Dichloropropane	9.372	63	84174	28.038	ug/L	99
38) Bromodichloromethane	9.646	83	101495	28.197	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	116557	28.140	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	124365	69.019	ug/L	99
42) Toluene	10.390	91	322375	27.723	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	104805	28.702	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	58344	30.268	ug/L	99
46) Tetrachloroethene	10.866	164	53874	26.262	ug/L	96
48) 2-Hexanone	10.969	43	88601	67.019	ug/L	99
49) Dibromochloromethane	11.128	129	63521	29.912	ug/L	97
50) 1,2-Dibromoethane	11.238	107	53014	29.942	ug/L	100
51) Chlorobenzene	11.658	112	196192	27.361	ug/L	98
52) Ethylbenzene	11.731	91	354051	28.078	ug/L	98
53) m,p-Xylene	11.841	106	131814	28.213	ug/L	99
54) o-Xylene	12.164	106	125769	29.149	ug/L	97
55) Styrene	12.182	104	227375	30.139	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	74797	31.301	ug/L	99
59) Bromoform	12.353	173	34152	28.493	ug/L	97
60) Isopropylbenzene	12.463	105	342479	27.272	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	56972	30.225	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	291608	28.441	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	295675	29.113	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	145589	26.794	ug/L	87
65) 1,4-Dichlorobenzene	13.579	146	148353	26.396	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	136624	27.445	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	12598	31.465	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	105794	27.305	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	83487	27.213	ug/L	99
71) Naphthalene	15.365	128	179329	32.511	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	79559	29.526	ug/L	97

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

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