

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019395.D
 Acq On : 09 Jul 2021 13:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Jul 10 00:55:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 09 12:42:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	529333	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	497937	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	250304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	178938	23.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
7) Chloroethane-d5	2.891	69	128384	24.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	4.031	63	339827	23.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.920%
21) 2-Butanone-d5	7.080	46	99618	45.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
24) Chloroform-d	7.653	84	340547	23.284	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	8.305	65	185573	23.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.480%
32) Benzene-d6	8.275	84	694966	23.447	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	9.274	67	213821	23.145	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	10.323	98	628057	23.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.579	79	94971	24.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.000%
47) 2-Hexanone-d5	10.927	63	81749	47.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	170849	22.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	199850	22.630	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	157559	24.988	ug/L	98
3) Chloromethane	2.215	50	154277	23.844	ug/L	100
5) Vinyl chloride	2.367	62	213233	23.944	ug/L	98
6) Bromomethane	2.788	94	118694	24.105	ug/L	96
8) Chloroethane	2.928	64	118664	25.034	ug/L	97
9) Trichlorofluoromethane	3.263	101	117529	21.725	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	167866	24.258	ug/L	96
12) 1,1-Dichloroethene	4.044	96	168338	24.360	ug/L	86
13) Acetone	4.141	43	68566	42.747	ug/L	89
14) Carbon disulfide	4.391	76	547928	24.760	ug/L	99
15) Methyl Acetate	4.678	43	88618	24.823	ug/L	99
16) Methylene chloride	4.922	84	206630	19.581	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	188868	25.132	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	266310	25.650	ug/L	95
19) 1,1-Dichloroethane	6.220	63	346101	25.084	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	202552	25.484	ug/L	96
22) 2-Butanone	7.177	43	112599	45.368	ug/L	98
23) Bromochloromethane	7.519	128	87183	24.355	ug/L	92
25) Chloroform	7.677	83	340482	24.947	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	227061	24.727	ug/L	98
29) Cyclohexane	7.958	56	320216	25.077	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	255841	24.895	ug/L	98
31) Carbon tetrachloride	8.073	117	235953	24.677	ug/L	100
33) Benzene	8.323	78	785791	25.212	ug/L	100
34) Trichloroethene	9.092	95	193730	24.354	ug/L	93
35) Methylcyclohexane	9.335	83	350134	24.873	ug/L	96
37) 1,2-Dichloropropane	9.372	63	198455	25.126	ug/L	99
38) Bromodichloromethane	9.646	83	243703	24.883	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	307445	25.453	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	249889	50.128	ug/L	96
42) Toluene	10.390	91	823273	25.343	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	269272	25.344	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	145118	24.693	ug/L	95
46) Tetrachloroethene	10.866	164	139671	23.038	ug/L	87
48) 2-Hexanone	10.969	43	171832	50.609	ug/L	95
49) Dibromochloromethane	11.128	129	160232	25.353	ug/L	90
50) 1,2-Dibromoethane	11.237	107	140255	24.882	ug/L	98
51) Chlorobenzene	11.658	112	507376	24.838	ug/L	97
52) Ethylbenzene	11.731	91	873364	24.696	ug/L	98
53) m,p-Xylene	11.841	106	339019	25.366	ug/L	98
54) o-Xylene	12.164	106	323376	25.604	ug/L	94
55) Styrene	12.182	104	558291	25.512	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	180334	24.917	ug/L	99
59) Bromoform	12.347	173	91353	25.569	ug/L	99
60) Isopropylbenzene	12.463	105	853595	25.375	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	137011	24.988	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	733381	26.038	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	738226	26.012	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	374390	24.321	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	380207	24.996	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	346495	24.985	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	29135	24.349	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	266590	23.701	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	221714	23.577	ug/L	99
71) Naphthalene	15.365	128	486182	25.598	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	199288	23.664	ug/L	98

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

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