

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018841.D
 Acq On : 29 Apr 2021 12:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025127

Quant Time: Apr 30 02:05:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 11:59:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	622789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	560882	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	281075	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	206412	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.32%
7) Chloroethane-d5	2.892	69	163168	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.44%
11) 1,1-Dichloroethene-d2	4.025	63	410708	25.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.56%
21) 2-Butanone-d5	7.086	46	111531	53.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.20%
24) Chloroform-d	7.653	84	426909	26.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	8.305	65	239492	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.92%
32) Benzene-d6	8.275	84	837814	26.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.76%
36) 1,2-Dichloropropane-d6	9.275	67	250361	26.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.52%
41) Toluene-d8	10.323	98	777257	26.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloroprop...	10.579	79	118155	27.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.60%
47) 2-Hexanone-d5	10.927	63	97424	57.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.76%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	222094	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
66) 1,2-Dichlorobenzene-d4	13.853	152	246201	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	160200	27.09	ug/L	94
3) Chloromethane	2.215	50	138554	24.95	ug/L	96
5) Vinyl chloride	2.367	62	230744	25.61	ug/L	98
6) Bromomethane	2.788	94	157039	24.88	ug/L	98
8) Chloroethane	2.928	64	138104	25.47	ug/L	97
9) Trichlorofluoromethane	3.263	101	177631	25.41	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	201295	24.99	ug/L	98
12) 1,1-Dichloroethene	4.044	96	205337	25.45	ug/L	97
13) Acetone	4.135	43	94166	59.06	ug/L	90
14) Carbon disulfide	4.391	76	618134	25.89	ug/L	100
15) Methyl Acetate	4.678	43	86481	26.61	ug/L	95
16) Methylene chloride	4.922	84	230364	22.37	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	219132	25.34	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	305638	25.62	ug/L	97
19) 1,1-Dichloroethane	6.220	63	380263	25.59	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	236034	25.84	ug/L	100
22) 2-Butanone	7.177	43	123818	56.02	ug/L	95
23) Bromochloromethane	7.519	128	102125	25.37	ug/L	92
25) Chloroform	7.677	83	398289	25.62	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	269386	25.44	ug/L	98
29) Cyclohexane	7.958	56	334245	24.86	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	323483	26.03	ug/L	98
31) Carbon tetrachloride	8.074	117	292610	25.83	ug/L	99
33) Benzene	8.323	78	864903	25.75	ug/L	100
34) Trichloroethene	9.092	95	229080	25.57	ug/L	97
35) Methylcyclohexane	9.335	83	395877	25.13	ug/L	97
37) 1,2-Dichloropropane	9.372	63	206737	25.53	ug/L	99
38) Bromodichloromethane	9.646	83	280408	26.23	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	341067	26.44	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	259550	51.62	ug/L	94
42) Toluene	10.390	91	946404	25.61	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	305376	27.01	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	165687	25.77	ug/L	96
46) Tetrachloroethene	10.866	164	163267	24.23	ug/L	97
48) 2-Hexanone	10.969	43	190519	58.18	ug/L	95
49) Dibromochloromethane	11.128	129	179369	25.76	ug/L	92
50) 1,2-Dibromoethane	11.238	107	161256	25.86	ug/L	96
51) Chlorobenzene	11.658	112	579051	25.62	ug/L	97
52) Ethylbenzene	11.731	91	1033891	25.23	ug/L	100
53) m,p-Xylene	11.841	106	388205	25.50	ug/L	90
54) o-Xylene	12.164	106	363521	25.06	ug/L	90
55) Styrene	12.183	104	622716	25.53	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	206394	26.55	ug/L	99
59) Bromoform	12.353	173	100901	25.94	ug/L	96
60) Isopropylbenzene	12.463	105	1001684	24.96	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	151779	25.47	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	830451	24.80	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	851150	25.40	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	410551	24.26	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	433134	25.35	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	387806	25.32	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	33931	26.78	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	316406	25.92	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	264123	26.06	ug/L	99
71) Naphthalene	15.365	128	568372	26.58	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	227687	25.46	ug/L	98

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

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