

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020024.D
 Acq On : 14 Sep 2021 22:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Sep 15 03:51:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:16:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	285194	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	271201	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138763	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115995	24.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.760%
7) Chloroethane-d5	2.898	69	95258	23.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.240%
11) 1,1-Dichloroethene-d2	4.032	63	177009	23.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	7.080	46	66353	51.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.280%
24) Chloroform-d	7.653	84	182715	23.251	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.311	65	108742	23.490	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.960%
32) Benzene-d6	8.281	84	351540	23.758	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.040%
36) 1,2-Dichloropropane-d6	9.274	67	100480	22.894	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.560%
41) Toluene-d8	10.323	98	327677	23.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	10.579	79	48257	23.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.600%
47) 2-Hexanone-d5	10.927	63	49557	55.271	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.540%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	107828	24.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	109699	23.197	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	68372	23.121	ug/L	94
3) Chloromethane	2.221	50	86197	21.645	ug/L	98
5) Vinyl chloride	2.373	62	155749	24.999	ug/L	100
6) Bromomethane	2.788	94	104891	24.024	ug/L	98
8) Chloroethane	2.934	64	96179	25.308	ug/L	99
9) Trichlorofluoromethane	3.269	101	82209	22.619	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	105422	25.783	ug/L	96
12) 1,1-Dichloroethene	4.044	96	95438	24.658	ug/L	85
13) Acetone	4.123	43	58468	47.910	ug/L	94
14) Carbon disulfide	4.397	76	321327	25.424	ug/L	99
15) Methyl Acetate	4.672	43	61144	28.728	ug/L	100
16) Methylene chloride	4.922	84	107756	21.443	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	102082	25.034	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	132693	26.057	ug/L	99
19) 1,1-Dichloroethane	6.226	63	183037	25.094	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	108759	25.831	ug/L	94
22) 2-Butanone	7.171	43	83363	54.507	ug/L	98
23) Bromochloromethane	7.519	128	50514	25.911	ug/L	92
25) Chloroform	7.683	83	192963	25.185	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	140511	26.211	ug/L	100
29) Cyclohexane	7.964	56	163331	26.750	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	161125	25.349	ug/L	99
31) Carbon tetrachloride	8.073	117	148712	25.079	ug/L	97
33) Benzene	8.330	78	425565	26.067	ug/L	100
34) Trichloroethene	9.092	95	107210	24.801	ug/L	92
35) Methylcyclohexane	9.335	83	193639	26.565	ug/L	98
37) 1,2-Dichloropropane	9.372	63	104036	26.325	ug/L	99
38) Bromodichloromethane	9.646	83	137221	25.740	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	157350	26.378	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	168038	59.607	ug/L	99
42) Toluene	10.390	91	463401	26.607	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	147529	26.119	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	84822	26.835	ug/L	95
46) Tetrachloroethene	10.866	164	84665	25.313	ug/L	98
48) 2-Hexanone	10.969	43	124246	61.484	ug/L	97
49) Dibromochloromethane	11.128	129	95723	26.354	ug/L	97
50) 1,2-Dibromoethane	11.238	107	82910	26.670	ug/L	97
51) Chlorobenzene	11.658	112	288396	25.541	ug/L	99
52) Ethylbenzene	11.731	91	497700	26.164	ug/L	97
53) m,p-Xylene	11.841	106	193969	26.802	ug/L	97
54) o-Xylene	12.164	106	181598	26.589	ug/L	98
55) Styrene	12.182	104	316986	26.993	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	117189	28.290	ug/L	98
59) Bromoform	12.353	173	58000	27.618	ug/L	98
60) Isopropylbenzene	12.463	105	495520	26.923	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89829	27.684	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	411002	27.450	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	402855	27.401	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	211843	25.031	ug/L	87
65) 1,4-Dichlorobenzene	13.579	146	219598	25.459	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	206873	26.821	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	22761	29.075	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	150037	25.630	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	123325	26.903	ug/L	97
71) Naphthalene	15.365	128	289935	29.598	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	118252	27.483	ug/L	94

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

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