

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
 Data File : VW020948.D
 Acq On : 26 Nov 2021 10:03
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025495

Quant Time: Nov 27 00:51:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 17 00:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	132424	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	123702	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	67979	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	31312	20.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.520%
7) Chloroethane-d5	2.885	69	21533	21.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
11) 1,1-Dichloroethene-d2	4.019	63	65078	21.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.600%
21) 2-Butanone-d5	7.080	46	20414	53.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.480%
24) Chloroform-d	7.647	84	77476	23.220	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.880%
26) 1,2-Dichloroethane-d4	8.305	65	41324	24.400	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	8.275	84	147561	22.633	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.520%
36) 1,2-Dichloropropane-d6	9.275	67	43290	23.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.280%
41) Toluene-d8	10.323	98	147191	22.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	10.573	79	20810	23.714	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.840%
47) 2-Hexanone-d5	10.921	63	17042	55.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	37185	26.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	53851	22.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	12361	32.253	ug/L	96
3) Chloromethane	2.215	50	24422	20.960	ug/L	95
5) Vinyl chloride	2.361	62	46107	22.878	ug/L	99
6) Bromomethane	2.782	94	29794	26.661	ug/L	98
8) Chloroethane	2.916	64	18163	21.437	ug/L	97
9) Trichlorofluoromethane	3.257	101	28886	24.606	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41853	23.452	ug/L	91
12) 1,1-Dichloroethene	4.038	96	38592	23.259	ug/L	75
13) Acetone	4.129	43	16026	46.817	ug/L	92
14) Carbon disulfide	4.385	76	92350	20.580	ug/L	100
15) Methyl Acetate	4.678	43	15773	25.694	ug/L	# 89
16) Methylene chloride	4.916	84	39437	21.353	ug/L	83
17) trans-1,2-Dichloroethene	5.422	96	39803	22.258	ug/L	84
18) Methyl tert-butyl Ether	5.422	73	67132	25.010	ug/L	93
19) 1,1-Dichloroethane	6.220	63	68276	23.043	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	43670	22.659	ug/L	72
22) 2-Butanone	7.171	43	23000	49.454	ug/L	88
23) Bromochloromethane	7.513	128	21468	24.365	ug/L	# 64
25) Chloroform	7.677	83	76688	23.680	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	48725	24.847	ug/L	96
29) Cyclohexane	7.952	56	59412	21.543	ug/L #	85
30) 1,1,1-Trichloroethane	7.872	97	68304	22.961	ug/L	94
31) Carbon tetrachloride	8.067	117	65220	23.165	ug/L	99
33) Benzene	8.323	78	161161	23.010	ug/L	100
34) Trichloroethene	9.092	95	44164	22.543	ug/L	91
35) Methylcyclohexane	9.335	83	70026	21.680	ug/L	87
37) 1,2-Dichloropropane	9.366	63	38181	23.423	ug/L #	97
38) Bromodichloromethane	9.646	83	56443	24.129	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	64734	24.053	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	52126	53.727	ug/L #	93
42) Toluene	10.384	91	179902	22.836	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	58180	24.597	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	32094	25.316	ug/L	90
46) Tetrachloroethene	10.860	164	40330	22.421	ug/L	90
48) 2-Hexanone	10.969	43	38595	57.429	ug/L #	96
49) Dibromochloromethane	11.128	129	41562	23.780	ug/L	100
50) 1,2-Dibromoethane	11.232	107	31855	25.062	ug/L	97
51) Chlorobenzene	11.658	112	117484	22.422	ug/L	93
52) Ethylbenzene	11.731	91	198835	22.777	ug/L	94
53) m,p-Xylene	11.841	106	82219	23.069	ug/L	83
54) o-Xylene	12.164	106	76830	22.446	ug/L	94
55) Styrene	12.183	104	131229	23.089	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	36888	26.252	ug/L #	95
59) Bromoform	12.353	173	24819	24.486	ug/L	98
60) Isopropylbenzene	12.463	105	211486	22.841	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	26938	27.015	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	183004	23.430	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	180285	23.395	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	99799	22.990	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	101414	23.160	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	91528	23.928	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6338	26.587	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	80255	23.342	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	66166	23.523	ug/L	93
71) Naphthalene	15.365	128	118534	25.862	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	54193	22.832	ug/L	97

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

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