

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020637.D
 Acq On : 20 Oct 2021 04:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 4.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025042

Quant Time: Oct 20 05:32:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 02:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174587	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	167788	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	91825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	56241	22.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.560%
7) Chloroethane-d5	2.879	69	31521	23.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	4.013	63	114990	22.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.360%
21) 2-Butanone-d5	7.080	46	48670	62.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.900%
24) Chloroform-d	7.647	84	153519	27.586	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.360%
26) 1,2-Dichloroethane-d4	8.305	65	88946	27.984	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.920%
32) Benzene-d6	8.275	84	281048	25.465	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.840%
36) 1,2-Dichloropropane-d6	9.274	67	94437	26.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.000%
41) Toluene-d8	10.323	98	253005	25.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	10.579	79	37354	25.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.200%
47) 2-Hexanone-d5	10.927	63	34794	62.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.760%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	78643	28.924	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	88068	24.518	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	30335	26.888	ug/L	100
3) Chloromethane	2.209	50	55634	23.716	ug/L	95
5) Vinyl chloride	2.355	62	71385	21.636	ug/L	100
6) Bromomethane	2.763	94	27714	19.339	ug/L	97
8) Chloroethane	2.910	64	22208	18.229	ug/L	96
9) Trichlorofluoromethane	3.245	101	25436	13.550	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	61256	22.880	ug/L	99
12) 1,1-Dichloroethene	4.031	96	55007	22.409	ug/L	85
13) Acetone	4.129	43	28106	39.596	ug/L	99
14) Carbon disulfide	4.379	76	163906	20.528	ug/L	100
15) Methyl Acetate	4.672	43	34873	26.456	ug/L	99
16) Methylene chloride	4.915	84	72593	21.389	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	60427	23.463	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	98421	27.125	ug/L	99
19) 1,1-Dichloroethane	6.214	63	133875	25.357	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	69130	25.825	ug/L	99
22) 2-Butanone	7.171	43	44949	50.589	ug/L	98
23) Bromochloromethane	7.513	128	30191	25.715	ug/L	98
25) Chloroform	7.677	83	134927	26.288	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	93185	26.544	ug/L	99
29) Cyclohexane	7.958	56	110020	22.397	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	99791	23.941	ug/L	99
31) Carbon tetrachloride	8.067	117	84267	22.994	ug/L	99
33) Benzene	8.323	78	293510	24.559	ug/L	100
34) Trichloroethene	9.091	95	67759	23.014	ug/L	95
35) Methylcyclohexane	9.335	83	109730	21.779	ug/L	99
37) 1,2-Dichloropropane	9.372	63	78103	25.236	ug/L	99
38) Bromodichloromethane	9.646	83	94570	25.486	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	106870	25.028	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	104059	56.020	ug/L	99
42) Toluene	10.390	91	298941	24.938	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	95378	25.338	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	51355	25.844	ug/L	95
46) Tetrachloroethene	10.859	164	48210	22.797	ug/L	94
48) 2-Hexanone	10.969	43	74548	54.700	ug/L	99
49) Dibromochloromethane	11.128	129	57261	26.156	ug/L	99
50) 1,2-Dibromoethane	11.237	107	46709	25.591	ug/L	98
51) Chlorobenzene	11.658	112	183429	24.815	ug/L	99
52) Ethylbenzene	11.731	91	329483	25.347	ug/L	99
53) m,p-Xylene	11.841	106	120437	25.006	ug/L	100
54) o-Xylene	12.164	106	117277	26.366	ug/L	98
55) Styrene	12.182	104	209069	26.882	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	65203	26.469	ug/L	98
59) Bromoform	12.347	173	31315	24.344	ug/L	99
60) Isopropylbenzene	12.463	105	317984	23.594	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49409	24.424	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	267957	24.351	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	268049	24.592	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	130869	22.442	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	137936	22.868	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	127373	23.841	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	10800	25.134	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	89458	21.513	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	71262	21.643	ug/L	97
71) Naphthalene	15.365	128	154440	26.089	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	68805	23.793	ug/L	96

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

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