

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020890.D
 Acq On : 15 Nov 2021 12:45
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV424

Quant Time: Nov 16 03:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 15 12:12:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	119801	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	110025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	60014	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38115	27.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.720%	
7) Chloroethane-d5	2.885	69	23933	26.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.800%	
11) 1,1-Dichloroethene-d2	4.019	63	70320	26.154	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.600%	
21) 2-Butanone-d5	7.073	46	21563	62.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 124.340%	
24) Chloroform-d	7.652	84	83358	27.615	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.440%	
26) 1,2-Dichloroethane-d4	8.305	65	44082	28.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 115.080%	
32) Benzene-d6	8.274	84	161822	27.906	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 111.640%	
36) 1,2-Dichloropropane-d6	9.274	67	46791	28.336	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.360%	
41) Toluene-d8	10.323	98	157942	27.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.760%	
43) trans-1,3-Dichloroprop...	10.579	79	22756	29.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 116.640%	
47) 2-Hexanone-d5	10.920	63	18283	66.758	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 133.520%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39897	31.540	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 126.160%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	61473	28.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 114.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	9919	28.608	ug/L	95
3) Chloromethane	2.214	50	23121	21.934	ug/L	99
5) Vinyl chloride	2.361	62	40938	22.453	ug/L	91
6) Bromomethane	2.781	94	22602	22.356	ug/L	95
8) Chloroethane	2.922	64	17252	22.507	ug/L	93
9) Trichlorofluoromethane	3.263	101	24473	23.043	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	38301	23.723	ug/L	90
12) 1,1-Dichloroethene	4.037	96	34504	22.987	ug/L	81
13) Acetone	4.123	43	15447	49.881	ug/L	94
14) Carbon disulfide	4.385	76	88090	21.699	ug/L	99
15) Methyl Acetate	4.671	43	15056	27.110	ug/L	# 90
16) Methylene chloride	4.915	84	36104	21.608	ug/L	86
17) trans-1,2-Dichloroethene	5.427	96	38067	23.531	ug/L	80
18) Methyl tert-butyl Ether	5.433	73	62912	25.907	ug/L	93
19) 1,1-Dichloroethane	6.220	63	64068	23.901	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	41427	23.760	ug/L	74
22) 2-Butanone	7.171	43	21216	50.425	ug/L	87
23) Bromochloromethane	7.518	128	19843	24.894	ug/L	# 65
25) Chloroform	7.677	83	69761	23.811	ug/L	94

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

27) 1,2-Dichloroethane	8.402	62	44996	25.363	ug/L	98
29) Cyclohexane	7.957	56	56122	22.880	ug/L #	85
30) 1,1,1-Trichloroethane	7.872	97	62468	23.610	ug/L	94
31) Carbon tetrachloride	8.067	117	58672	23.429	ug/L	99
33) Benzene	8.323	78	147706	23.710	ug/L	100
34) Trichloroethene	9.091	95	41219	23.656	ug/L	88
35) Methylcyclohexane	9.335	83	65746	22.885	ug/L	86
37) 1,2-Dichloropropane	9.366	63	35195	24.275	ug/L #	97
38) Bromodichloromethane	9.646	83	52461	25.214	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	60812	25.404	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	47526	55.075	ug/L #	93
42) Toluene	10.390	91	169573	24.200	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	53418	25.392	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	30128	26.719	ug/L	93
46) Tetrachloroethene	10.859	164	37902	23.691	ug/L	98
48) 2-Hexanone	10.969	43	34646	57.962	ug/L #	95
49) Dibromochloromethane	11.127	129	40072	25.777	ug/L	93
50) 1,2-Dibromoethane	11.237	107	30171	26.688	ug/L #	96
51) Chlorobenzene	11.658	112	115460	24.775	ug/L	89
52) Ethylbenzene	11.731	91	188062	24.220	ug/L	98
53) m,p-Xylene	11.835	106	75353	23.770	ug/L	83
54) o-Xylene	12.164	106	73144	24.025	ug/L	90
55) Styrene	12.182	104	121510	24.036	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	34906	27.930	ug/L #	98
59) Bromoform	12.347	173	25265	28.234	ug/L #	98
60) Isopropylbenzene	12.463	105	199522	24.409	ug/L	95
61) 1,2,3-Trichloropropane	12.767	75	25028	28.431	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	166655	24.169	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	168752	24.804	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	99757	26.030	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	98715	25.535	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	88182	26.112	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5707	27.117	ug/L #	51
69) 1,3,5-Trichlorobenzene	14.627	180	72079	23.747	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	63577	25.603	ug/L	94
71) Naphthalene	15.358	128	115510	28.548	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	53058	25.320	ug/L	93

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

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