

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024150.D
 Acq On : 03 Aug 2022 14:34
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV406

Quant Time: Aug 04 01:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 04 01:06:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	335519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334983	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	128814	22.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
7) Chloroethane-d5	2.873	69	82922	22.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	4.007	63	147661	20.723	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.074	46	52122	44.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.280%
24) Chloroform-d	7.641	84	218005	23.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.299	65	117516	22.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.520%
32) Benzene-d6	8.268	84	394508	22.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.268	67	120372	22.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	10.323	98	376304	22.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	10.573	79	51772	21.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.920	63	47211	47.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119828	22.678	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	161699	23.803	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	70602	25.603	ug/L	100
3) Chloromethane	2.203	50	141707	26.470	ug/L	98
5) Vinyl chloride	2.349	62	190274	23.333	ug/L	99
6) Bromomethane	2.763	94	104328	21.730	ug/L	96
8) Chloroethane	2.904	64	78633	22.486	ug/L	97
9) Trichlorofluoromethane	3.239	101	78333	16.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	111017	21.172	ug/L	98
12) 1,1-Dichloroethene	4.025	96	92914	21.013	ug/L	96
13) Acetone	4.123	43	34614	36.557	ug/L	97
14) Carbon disulfide	4.373	76	306913	21.403	ug/L	99
15) Methyl Acetate	4.665	43	43356	20.744	ug/L	100
16) Methylene chloride	4.903	84	115943	17.703	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	109169	21.915	ug/L	93
18) Methyl tert-butyl Ether	5.421	73	151519	22.319	ug/L	98
19) 1,1-Dichloroethane	6.208	63	184824	21.938	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	117604	22.338	ug/L	95
22) 2-Butanone	7.165	43	58368	38.447	ug/L	98
23) Bromochloromethane	7.506	128	57949	21.867	ug/L	99
25) Chloroform	7.671	83	212143	22.609	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	137040	22.148	ug/L	99
29) Cyclohexane	7.945	56	154782	21.811	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	169745	20.720	ug/L	99
31) Carbon tetrachloride	8.067	117	160860	20.952	ug/L	97
33) Benzene	8.317	78	452494	21.749	ug/L	100
34) Trichloroethene	9.085	95	116704	20.957	ug/L	95
35) Methylcyclohexane	9.329	83	189301	21.518	ug/L	99
37) 1,2-Dichloropropane	9.366	63	109337	22.086	ug/L	99
38) Bromodichloromethane	9.640	83	153403	21.684	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	162712	21.730	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	134270	43.302	ug/L	100
42) Toluene	10.384	91	502643	22.625	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	144389	21.075	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	89142	21.066	ug/L	97
46) Tetrachloroethene	10.859	164	99267	21.154	ug/L	96
48) 2-Hexanone	10.963	43	93503	43.717	ug/L	98
49) Dibromochloromethane	11.128	129	112354	21.781	ug/L	96
50) 1,2-Dibromoethane	11.231	107	88327	21.277	ug/L	89
51) Chlorobenzene	11.652	112	336672	21.914	ug/L	97
52) Ethylbenzene	11.725	91	549702	22.580	ug/L	98
53) m,p-Xylene	11.835	106	217186	23.235	ug/L	96
54) o-Xylene	12.164	106	208963	23.379	ug/L	93
55) Styrene	12.176	104	364296	23.480	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	110044	21.370	ug/L	99
59) Bromoform	12.347	173	65946	21.950	ug/L	95
60) Isopropylbenzene	12.457	105	547269	22.501	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78205	20.360	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	468193	23.509	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	467838	23.815	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	269627	21.963	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	277480	21.787	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	253652	22.653	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17236	20.223	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	173051	21.217	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	145834	23.199	ug/L	95
71) Naphthalene	15.359	128	281420	23.229	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	133514	23.103	ug/L	98

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

