

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024064.D
 Acq On : 25 Jul 2022 11:12
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV461

Quant Time: Jul 26 01:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	227621	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	246718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	148088	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	146969	30.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.480%	
7) Chloroethane-d5	2.873	69	90986	27.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.400%	
11) 1,1-Dichloroethene-d2	4.013	63	115479	26.880	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.520%	
21) 2-Butanone-d5	7.074	46	42696	49.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.480%	
24) Chloroform-d	7.647	84	160538	25.654	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.600%	
26) 1,2-Dichloroethane-d4	8.299	65	93562	26.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.080%	
32) Benzene-d6	8.269	84	301566	26.313	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.240%	
36) 1,2-Dichloropropane-d6	9.268	67	90866	25.136	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.560%	
41) Toluene-d8	10.323	98	309671	27.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.080%	
43) trans-1,3-Dichloroprop...	10.573	79	40841	25.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.920%	
47) 2-Hexanone-d5	10.921	63	39523	52.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.600%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	106086	25.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.720%	
66) 1,2-Dichlorobenzene-d4	13.847	152	120927	25.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	46474	27.645	ug/L	95
3) Chloromethane	2.209	50	122502	28.068	ug/L	96
5) Vinyl chloride	2.349	62	194224	28.552	ug/L	99
6) Bromomethane	2.764	94	112554	29.950	ug/L	94
8) Chloroethane	2.910	64	81595	27.267	ug/L	97
9) Trichlorofluoromethane	3.245	101	82380	26.014	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	78791	26.865	ug/L #	74
12) 1,1-Dichloroethene	4.032	96	63545	26.433	ug/L	92
13) Acetone	4.123	43	29923	48.630	ug/L	98
14) Carbon disulfide	4.379	76	200916	27.211	ug/L	96
15) Methyl Acetate	4.672	43	40201	27.083	ug/L	98
16) Methylene chloride	4.910	84	82431	23.793	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	80859	27.491	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	123174	28.251	ug/L	99
19) 1,1-Dichloroethane	6.202	63	149658	26.937	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	89790	27.800	ug/L	92
22) 2-Butanone	7.171	43	54398	55.079	ug/L	97
23) Bromochloromethane	7.513	128	45687	27.487	ug/L	89
25) Chloroform	7.671	83	174844	27.198	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	127778	27.908	ug/L	99
29) Cyclohexane	7.952	56	126679	27.868	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	140849	25.540	ug/L	99
31) Carbon tetrachloride	8.061	117	129282	25.432	ug/L	98
33) Benzene	8.324	78	389547	27.331	ug/L	100
34) Trichloroethene	9.092	95	96711	25.624	ug/L	97
35) Methylcyclohexane	9.329	83	160074	27.917	ug/L	98
37) 1,2-Dichloropropane	9.366	63	96093	26.668	ug/L	100
38) Bromodichloromethane	9.640	83	138192	26.899	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	143793	27.390	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	139429	55.608	ug/L	99
42) Toluene	10.384	91	458114	28.416	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	141524	28.466	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	85800	27.257	ug/L	98
46) Tetrachloroethene	10.860	164	77742	26.318	ug/L	91
48) 2-Hexanone	10.963	43	104617	57.575	ug/L	98
49) Dibromochloromethane	11.128	129	102238	27.797	ug/L	100
50) 1,2-Dibromoethane	11.232	107	82465	26.757	ug/L	98
51) Chlorobenzene	11.658	112	296187	27.298	ug/L	96
52) Ethylbenzene	11.725	91	522172	29.390	ug/L	100
53) m,p-Xylene	11.835	106	209671	30.404	ug/L	96
54) o-Xylene	12.164	106	201249	30.517	ug/L	97
55) Styrene	12.176	104	366885	31.054	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	118439	27.148	ug/L	99
59) Bromoform	12.347	173	59373	25.938	ug/L	98
60) Isopropylbenzene	12.463	105	548464	29.240	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	85943	25.820	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	451930	29.947	ug/L	97
63) 1,2,4-Trimethylbenzene	13.243	105	460668	30.161	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	244664	27.272	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	259831	27.283	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	244338	29.117	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19192	25.804	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	160728	28.094	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	127047	29.308	ug/L	95
71) Naphthalene	15.359	128	289986	31.263	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	120451	29.540	ug/L	95

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

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