

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022424.D
 Acq On : 07 Apr 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 :
 VICV480

Quant Time: Apr 08 06:26:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 06:18:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	312335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	316809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	173460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	176818	25.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.440%	
7) Chloroethane-d5	2.891	69	119903	27.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.840%	
11) 1,1-Dichloroethene-d2	4.025	63	221641	24.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.000%	
21) 2-Butanone-d5	7.080	46	64780	53.738	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.480%	
24) Chloroform-d	7.647	84	269149	27.570	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.280%	
26) 1,2-Dichloroethane-d4	8.305	65	155563	27.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.560%	
32) Benzene-d6	8.275	84	509423	26.319	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.280%	
36) 1,2-Dichloropropane-d6	9.274	67	151801	27.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.400%	
41) Toluene-d8	10.323	98	503215	26.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.200%	
43) trans-1,3-Dichloroprop...	10.579	79	71360	26.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.960%	
47) 2-Hexanone-d5	10.920	63	55802	53.545	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.100%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	131488	27.608	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	170136	27.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	38043	24.847	ug/L	98
3) Chloromethane	2.221	50	91985	24.097	ug/L	98
5) Vinyl chloride	2.367	62	200299	25.147	ug/L	95
6) Bromomethane	2.782	94	119221	24.622	ug/L	99
8) Chloroethane	2.928	64	89887	25.776	ug/L	97
9) Trichlorofluoromethane	3.257	101	63171	21.482	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	112492	24.023	ug/L	98
12) 1,1-Dichloroethene	4.044	96	104695	24.895	ug/L	94
13) Acetone	4.123	43	33563	40.892	ug/L	98
14) Carbon disulfide	4.385	76	345723	24.990	ug/L	100
15) Methyl Acetate	4.672	43	52127	25.308	ug/L	97
16) Methylene chloride	4.915	84	113696	24.192	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	124521	25.276	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	209502	26.039	ug/L	99
19) 1,1-Dichloroethane	6.214	63	233027	25.924	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133033	25.568	ug/L #	100
22) 2-Butanone	7.165	43	63588	51.296	ug/L	99
23) Bromochloromethane	7.513	128	58684	26.207	ug/L	93
25) Chloroform	7.677	83	246219	26.007	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	176638	26.545	ug/L	100
29) Cyclohexane	7.958	56	217025	23.935	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	209875	23.882	ug/L	99
31) Carbon tetrachloride	8.067	117	190760	24.185	ug/L	100
33) Benzene	8.323	78	529408	24.613	ug/L	100
34) Trichloroethene	9.091	95	139498	24.222	ug/L	98
35) Methylcyclohexane	9.335	83	243061	23.523	ug/L	99
37) 1,2-Dichloropropane	9.366	63	130000	25.229	ug/L	99
38) Bromodichloromethane	9.640	83	184602	24.912	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	213478	26.108	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	160495	51.037	ug/L	98
42) Toluene	10.384	91	615078	24.955	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	193328	26.406	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	97537	24.802	ug/L	99
46) Tetrachloroethene	10.859	164	102562	24.227	ug/L	99
48) 2-Hexanone	10.969	43	111731	50.363	ug/L	98
49) Dibromochloromethane	11.128	129	121786	25.966	ug/L	98
50) 1,2-Dibromoethane	11.237	107	98434	25.348	ug/L	94
51) Chlorobenzene	11.658	112	378789	25.149	ug/L	97
52) Ethylbenzene	11.731	91	700171	25.344	ug/L	99
53) m,p-Xylene	11.835	106	265349	25.261	ug/L	94
54) o-Xylene	12.164	106	257242	25.626	ug/L	100
55) Styrene	12.176	104	454055	26.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	124745	25.844	ug/L	100
59) Bromoform	12.347	173	63601	24.675	ug/L	97
60) Isopropylbenzene	12.463	105	720816	25.016	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	94146	25.515	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	398047	25.119	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	607171	25.196	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	298601	25.534	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	296547	25.427	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	268400	25.664	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	20602	24.074	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	192002	25.164	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	156617	24.441	ug/L	91
71) Naphthalene	15.359	128	349789	25.881	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	137911	25.179	ug/L	95

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

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