

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028181.D
 Acq On : 14 Mar 2024 15:44
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV427

Quant Time: Mar 15 01:55:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	211594	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	196297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101566	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	62230	25.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.560%	
7) Chloroethane-d5	2.899	69	44533	25.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.000%	
11) 1,1-Dichloroethene-d2	4.021	65	38838	24.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.960%	
21) 2-Butanone-d5	7.081	46	39647	54.296	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.600%	
24) Chloroform-d	7.648	84	165224	26.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.920%	
26) 1,2-Dichloroethane-d4	8.307	65	91848	26.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.840%	
32) Benzene-d6	8.276	84	316389	26.399	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.600%	
36) 1,2-Dichloropropane-d6	9.276	67	91034	26.395	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.560%	
41) Toluene-d8	10.319	98	295170	26.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.800%	
43) trans-1,3-Dichloroprop...	10.575	79	41610	26.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.240%	
47) 2-Hexanone-d5	10.922	63	31743	55.681	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.360%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69616	27.325	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 109.320%	
66) 1,2-Dichlorobenzene-d4	13.849	152	101133	27.334	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 109.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	65885	21.465	ug/L	97
3) Chloromethane	2.229	50	49182	22.591	ug/L	96
5) Vinyl chloride	2.375	62	57032	23.175	ug/L	99
6) Bromomethane	2.796	94	33672	22.975	ug/L	90
8) Chloroethane	2.936	64	30569	23.111	ug/L	98
9) Trichlorofluoromethane	3.271	101	71863	24.153	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	66523	22.506	ug/L	98
12) 1,1-Dichloroethene	4.045	96	62524	22.883	ug/L	97
13) Acetone	4.119	43	37172	45.849	ug/L	100
14) Carbon disulfide	4.393	76	193263	22.678	ug/L	100
15) Methyl Acetate	4.673	43	28247	22.619	ug/L	99
16) Methylene chloride	4.923	84	68145	21.160	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	65204	22.455	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	107114	24.449	ug/L	100
19) 1,1-Dichloroethane	6.222	63	129185	22.980	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	72064	22.979	ug/L	99
22) 2-Butanone	7.167	43	42024	45.653	ug/L	99
23) Bromochloromethane	7.520	128	32102	23.154	ug/L	93
25) Chloroform	7.679	83	135320	23.382	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	94107	23.026	ug/L	97
29) Cyclohexane	7.959	56	116705	22.794	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	117697	22.873	ug/L	100
31) Carbon tetrachloride	8.069	117	110294	22.851	ug/L	99
33) Benzene	8.325	78	277138	22.943	ug/L	100
34) Trichloroethene	9.093	95	75274	22.336	ug/L	96
35) Methylcyclohexane	9.337	83	128717	22.596	ug/L	99
37) 1,2-Dichloropropane	9.368	63	71184	23.040	ug/L	99
38) Bromodichloromethane	9.642	83	95182	22.850	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	115791	23.402	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	80386	47.136	ug/L	99
42) Toluene	10.386	91	300819	22.819	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	99889	23.911	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	50986	22.840	ug/L	97
46) Tetrachloroethene	10.861	164	59397	21.865	ug/L	98
48) 2-Hexanone	10.965	43	60724	45.455	ug/L	99
49) Dibromochloromethane	11.123	129	61402	23.226	ug/L	100
50) 1,2-Dibromoethane	11.233	107	49219	23.059	ug/L	100
51) Chlorobenzene	11.654	112	189450	22.641	ug/L	98
52) Ethylbenzene	11.727	91	348322	22.634	ug/L	100
53) m,p-Xylene	11.837	106	129898	22.430	ug/L	93
54) o-Xylene	12.160	106	124429	23.169	ug/L	95
55) Styrene	12.178	104	218142	23.648	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	59518	23.310	ug/L	92
59) Bromoform	12.349	173	36096	23.717	ug/L	98
60) Isopropylbenzene	12.459	105	357621	23.699	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44052	22.726	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	247420	24.436	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	297329	24.319	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	153232	22.761	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	157507	23.397	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	141915	24.479	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10248	22.506	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	113179	24.135	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	97221	24.404	ug/L	98
71) Naphthalene	15.360	128	170268	24.901	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	79184	24.111	ug/L	100

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

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