

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024432.D
 Acq On : 26 Jan 2022 12:08
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV202

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 02:20:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	186941	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	115741	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85564	5.224	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.400%		
7) Chloroethane-d5	1.568	69	73773	5.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.200%		
11) 1,1-Dichloroethene-d2	2.108	63	163706	5.230	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.600%		
20) 2-Butanone-d5	3.918	46	132520m	50.770	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.540%		
24) Chloroform-d	4.342	84	158630	5.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
26) 1,2-Dichloroethane-d4	5.027	65	71571	5.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
32) Benzene-d6	5.047	84	304609	5.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.600%		
36) 1,2-Dichloropropane-d6	6.066	67	91893	4.959	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.200%		
41) Toluene-d8	7.310	98	289747	5.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.400%		
43) trans-1,3-Dichloroprop...	7.619	79	34501	5.422	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 108.400%		
46) 2-Hexanone-d5	8.088	63	114789	52.762	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.520%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55884	5.067	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	103392	5.210	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	112783	5.350	ug/L	99
3) Chloromethane	1.240	50	97493	5.089	ug/L	98
5) Vinyl chloride	1.310	62	101087	5.260	ug/L	98
6) Bromomethane	1.523	94	61947	5.148	ug/L	99
8) Chloroethane	1.584	64	60427	5.348	ug/L	100
9) Trichlorofluoromethane	1.754	101	140886	5.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	79919	5.394	ug/L	93
12) 1,1-Dichloroethene	2.117	96	72375	5.152	ug/L	85
13) Acetone	2.214	43	67675m	49.732	ug/L	
14) Carbon disulfide	2.294	76	225284	5.217	ug/L	100
15) Methyl Acetate	2.449	43	15763	4.289	ug/L	93
16) Methylene chloride	2.507	84	71296	4.958	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	131124	5.186	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	72206	5.356	ug/L	92
19) 1,1-Dichloroethane	3.188	63	131206	5.221	ug/L	97
21) 2-Butanone	4.005	43	120404m	48.966	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	70383	5.198	ug/L	92
23) Bromochloromethane	4.246	128	30064	4.949	ug/L	86
25) Chloroform	4.371	83	136814	4.794	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	71217	5.235	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	118373	5.180	ug/L	98
30) Cyclohexane	4.674	56	115883	5.372	ug/L	92
31) Carbon tetrachloride	4.825	117	106965	5.202	ug/L	98
33) Benzene	5.095	78	281664	5.342	ug/L	100
34) Trichloroethene	5.912	95	78808	5.287	ug/L	93
35) Methylcyclohexane	6.127	83	119646	5.442	ug/L	96
37) 1,2-Dichloropropane	6.169	63	67937	5.244	ug/L	99
38) Bromodichloromethane	6.506	83	88719	5.058	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	92705	5.311	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	326952	54.141	ug/L	95
42) Toluene	7.384	91	305946	5.478	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	76420	5.255	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	44829	5.118	ug/L	99
47) Tetrachloroethene	7.973	164	62497	5.323	ug/L	97
48) 2-Hexanone	8.140	43	249079	56.098	ug/L	97
49) Dibromochloromethane	8.243	129	55523	5.093	ug/L	100
50) 1,2-Dibromoethane	8.349	107	43494	5.296	ug/L	95
51) Chlorobenzene	8.879	112	188456	5.226	ug/L	94
52) Ethylbenzene	9.011	91	313820	5.344	ug/L	99
53) m,p-xylene	9.136	106	120753	5.479	ug/L	96
54) o-xylene	9.542	106	113688	5.473	ug/L	92
55) Styrene	9.558	104	192980	5.557	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	43439	5.064	ug/L	98
59) Bromoform	9.728	173	30283	5.203	ug/L	95
60) Isopropylbenzene	9.927	105	314437	5.578	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	37472	5.224	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	251164	5.533	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	263995	5.668	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	155650	5.462	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	155351	5.355	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	138552	5.297	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6693	4.798	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	127642	5.496	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	98062	5.544	ug/L	98
71) Naphthalene	13.503	128	132658	5.947	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	86116	5.707	ug/L	99

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

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