

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023470.D
 Acq On : 15 Nov 2021 09:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 16 00:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	136159	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.850	117	135870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50678	5.941	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 118.800%		
7) Chloroethane-d5	1.568	69	38567	5.548	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.000%		
11) 1,1-Dichloroethene-d2	2.108	63	87032	5.450	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.000%		
20) 2-Butanone-d5	3.902	46	71008m	48.320	ug/L	-0.09
Spiked Amount	50.000	Range 40 - 130	Recovery	= 96.640%		
24) Chloroform-d	4.342	84	91450	5.031	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.600%		
26) 1,2-Dichloroethane-d4	5.027	65	41495	5.076	ug/L	-0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
32) Benzene-d6	5.047	84	174360	5.001	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
36) 1,2-Dichloropropane-d6	6.066	67	48853	4.760	ug/L	-0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.200%		
41) Toluene-d8	7.313	98	172843	5.291	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
43) trans-1,3-Dichloroprop...	7.619	79	19818	5.093	ug/L	-0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.800%		
46) 2-Hexanone-d5	8.088	63	62274	43.496	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 87.000%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34682	4.699	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 94.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	60061	4.609	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 92.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	59280	4.465	ug/L	99
3) Chloromethane	1.240	50	53514	4.741	ug/L	97
5) Vinyl chloride	1.310	62	54073	4.796	ug/L	100
6) Bromomethane	1.523	94	33920	4.707	ug/L	99
8) Chloroethane	1.584	64	32488	4.994	ug/L	97
9) Trichlorofluoromethane	1.751	101	83246	4.914	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	42714	5.009	ug/L	97
12) 1,1-Dichloroethene	2.117	96	39851	4.908	ug/L	95
13) Acetone	2.191	43	51126m	56.938	ug/L	
14) Carbon disulfide	2.294	76	133140	4.345	ug/L	99
15) Methyl Acetate	2.439	43	10429	4.104	ug/L	99
16) Methylene chloride	2.503	84	46117	3.892	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	84086	4.705	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	44181	4.426	ug/L	96
19) 1,1-Dichloroethane	3.185	63	78055	4.632	ug/L	98
21) 2-Butanone	3.989	43	72304m	49.805	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	44112	4.592	ug/L #	90
23) Bromochloromethane	4.246	128	21621	4.881	ug/L #	81
25) Chloroform	4.368	83	83531	4.650	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	45716	4.785	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	77048	4.669	ug/L	99
30) Cyclohexane	4.674	56	63945	4.324	ug/L	97
31) Carbon tetrachloride	4.825	117	72247	4.875	ug/L	95
33) Benzene	5.095	78	175767	4.628	ug/L	100
34) Trichloroethene	5.911	95	48349	4.788	ug/L	99
35) Methylcyclohexane	6.127	83	69128	4.337	ug/L	97
37) 1,2-Dichloropropane	6.169	63	43700	4.929	ug/L	99
38) Bromodichloromethane	6.506	83	55861	4.702	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	57550	4.513	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	216414	52.632	ug/L	97
42) Toluene	7.384	91	198861	4.896	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	52211	4.935	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	29938	4.700	ug/L	97
47) Tetrachloroethene	7.972	164	41262	4.714	ug/L	98
48) 2-Hexanone	8.140	43	164944	57.248	ug/L	98
49) Dibromochloromethane	8.243	129	40091	4.967	ug/L	99
50) 1,2-Dibromoethane	8.352	107	28447	4.819	ug/L	100
51) Chlorobenzene	8.879	112	125653	4.654	ug/L	99
52) Ethylbenzene	9.011	91	200232	4.674	ug/L	99
53) m,p-xylene	9.136	106	80661	4.798	ug/L	98
54) o-xylene	9.542	106	75502	4.787	ug/L	100
55) Styrene	9.558	104	133764	4.950	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	31766	4.551	ug/L	99
59) Bromoform	9.731	173	22606	4.836	ug/L	99
60) Isopropylbenzene	9.931	105	203249	4.526	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	24117	4.639	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	163741	4.398	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	168563	4.548	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	104585	4.558	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	103525	4.418	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	95968	4.674	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5062	4.571	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	78417	4.365	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	59336	4.124	ug/L	99
71) Naphthalene	13.503	128	78909	3.720	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54497	4.330	ug/L	96

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

