

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024178.D
 Acq On : 27 Dec 2021 14:07
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV270

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 28 05:50:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	106060	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40546	5.083	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.600%	
7) Chloroethane-d5	1.568	69	34665	5.210	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.111	63	96952	5.000	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.000%	
20) 2-Butanone-d5	3.908	46	51555m	58.179	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.360%	
24) Chloroform-d	4.346	84	88222	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.031	65	39692	5.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.047	84	160403	5.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
36) 1,2-Dichloropropane-d6	6.066	67	42616	5.278	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.600%	
41) Toluene-d8	7.313	98	161927	5.574	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.400%	
43) trans-1,3-Dichloroprop...	7.622	79	18326	5.360	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.200%	
46) 2-Hexanone-d5	8.088	63	64521	56.126	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.260%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30133	5.466	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61118	5.309	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	115682	4.719	ug/L	100
3) Chloromethane	1.240	50	88168	4.759	ug/L	94
5) Vinyl chloride	1.310	62	91671	4.835	ug/L	98
6) Bromomethane	1.523	94	59942	4.955	ug/L	98
8) Chloroethane	1.584	64	53731	4.874	ug/L	96
9) Trichlorofluoromethane	1.751	101	146144	4.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	68988	4.664	ug/L	99
12) 1,1-Dichloroethene	2.117	96	69018	4.739	ug/L	92
13) Acetone	2.198	43	62638m	49.806	ug/L	
14) Carbon disulfide	2.291	76	221017	4.697	ug/L	100
15) Methyl Acetate	2.439	43	14553	4.660	ug/L	98
16) Methylene chloride	2.503	84	73702	4.735	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	145053	4.926	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	75211	4.863	ug/L	96
19) 1,1-Dichloroethane	3.188	63	125344	4.869	ug/L	98
21) 2-Butanone	3.992	43	78791	47.617	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	73883	4.827	ug/L	95
23) Bromochloromethane	4.243	128	35311	4.828	ug/L	# 87
25) Chloroform	4.371	83	139080	4.835	ug/L	99

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27) 1,2-Dichloroethane	5.127	62	79599	4.943	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	132528	4.815	ug/L	98
30) Cyclohexane	4.674	56	97503	4.762	ug/L	96
31) Carbon tetrachloride	4.825	117	120657	4.726	ug/L	100
33) Benzene	5.095	78	286621	5.005	ug/L	100
34) Trichloroethene	5.908	95	76735	4.749	ug/L	97
35) Methylcyclohexane	6.127	83	109016	4.659	ug/L	96
37) 1,2-Dichloropropane	6.169	63	62421	4.728	ug/L	99
38) Bromodichloromethane	6.506	83	95009	5.022	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	94562	4.941	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	330014	52.294	ug/L	98
42) Toluene	7.384	91	317895	4.975	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	84902	5.194	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	48878	4.994	ug/L	97
47) Tetrachloroethene	7.973	164	67892	4.722	ug/L	97
48) 2-Hexanone	8.136	43	234238	50.715	ug/L	97
49) Dibromochloromethane	8.243	129	65377	4.965	ug/L	99
50) 1,2-Dibromoethane	8.352	107	46476	4.997	ug/L	90
51) Chlorobenzene	8.879	112	202479	4.782	ug/L	99
52) Ethylbenzene	9.008	91	326819	4.810	ug/L	100
53) m,p-xylene	9.136	106	131951	4.896	ug/L	98
54) o-xylene	9.542	106	127350	4.935	ug/L	99
55) Styrene	9.558	104	222658	5.122	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	47097	4.965	ug/L	98
59) Bromoform	9.731	173	34678	4.858	ug/L	99
60) Isopropylbenzene	9.931	105	333837	4.768	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	39221	5.005	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	283991	4.810	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	296564	4.928	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	173928	4.794	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	167829	4.668	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	155469	4.734	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	7835	4.636	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	135222	4.680	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	105383	4.737	ug/L	99
71) Naphthalene	13.500	128	157404	4.765	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	95713	4.892	ug/L	100

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

