

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VV023563.D
 Acq On : 17 Nov 2021 03:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

Quant Time: Nov 17 03:43:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131527	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35982	4.367	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.400%	
7) Chloroethane-d5	1.568	69	30385	4.525	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.111	63	70906	4.597	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	3.908	46	63906	45.019	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.040%	
24) Chloroform-d	4.352	84	78931	4.495	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.037	65	37147	4.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.050	84	148031	4.496	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.072	67	42901	4.426	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.600%	
41) Toluene-d8	7.316	98	143188	4.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16707	4.546	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.091	63	63912	47.265	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.540%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31661	4.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55506	4.804	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	53753	4.191	ug/L	99
3) Chloromethane	1.243	50	45898	4.209	ug/L	97
5) Vinyl chloride	1.310	62	48277	4.433	ug/L	98
6) Bromomethane	1.523	94	18673	2.682	ug/L	99
8) Chloroethane	1.587	64	30197	4.805	ug/L	91
9) Trichlorofluoromethane	1.754	101	78435	4.793	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	38862	4.718	ug/L	97
12) 1,1-Dichloroethene	2.121	96	36057	4.597	ug/L	93
13) Acetone	2.198	43	50711m	58.464	ug/L	
14) Carbon disulfide	2.297	76	122125	4.126	ug/L	99
15) Methyl Acetate	2.442	43	9912	4.038	ug/L #	87
16) Methylene chloride	2.510	84	44099	3.853	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	84886	4.917	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	43028	4.463	ug/L	94
19) 1,1-Dichloroethane	3.191	63	72564	4.458	ug/L	99
21) 2-Butanone	3.992	43	56307	40.152	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	44193	4.763	ug/L #	86
23) Bromochloromethane	4.252	128	19985	4.671	ug/L #	79
25) Chloroform	4.378	83	79956	4.608	ug/L	96

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27) 1,2-Dichloroethane	5.133	62	43794	4.745	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	73483	4.715	ug/L	99
30) Cyclohexane	4.680	56	61876	4.431	ug/L	94
31) Carbon tetrachloride	4.831	117	66156	4.726	ug/L	98
33) Benzene	5.101	78	167575	4.672	ug/L	100
34) Trichloroethene	5.915	95	43417	4.552	ug/L	96
35) Methylcyclohexane	6.130	83	66676	4.429	ug/L	95
37) 1,2-Dichloropropane	6.175	63	37789	4.513	ug/L	99
38) Bromodichloromethane	6.509	83	53989	4.811	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	52234	4.337	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	205942	53.031	ug/L	97
42) Toluene	7.387	91	185080	4.824	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	45226	4.526	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28841	4.794	ug/L	99
47) Tetrachloroethene	7.976	164	38915	4.708	ug/L	97
48) 2-Hexanone	8.143	43	148148	54.443	ug/L	97
49) Dibromochloromethane	8.246	129	36290	4.761	ug/L	100
50) 1,2-Dibromoethane	8.355	107	27463	4.926	ug/L	98
51) Chlorobenzene	8.882	112	118836	4.660	ug/L	100
52) Ethylbenzene	9.011	91	192385	4.755	ug/L	97
53) m,p-xylene	9.140	106	76584	4.823	ug/L	98
54) o-xylene	9.545	106	72015	4.834	ug/L	93
55) Styrene	9.561	104	126843	4.970	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	30453	4.620	ug/L	94
59) Bromoform	9.731	173	19430	4.688	ug/L #	98
60) Isopropylbenzene	9.931	105	200978	5.047	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22623	4.908	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	164619	4.986	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	165482	5.035	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	100727	4.950	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	96602	4.649	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	89399	4.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4816	4.904	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	73118	4.590	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	57141	4.479	ug/L	98
71) Naphthalene	13.503	128	81020	4.307	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51486	4.613	ug/L	100

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

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