

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023669.D
 Acq On : 23 Nov 2021 14:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005367

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 04:31:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:22:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152147	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	82312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55403	4.436	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.564	69	43422	4.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.108	63	100866	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.905	46	80372m	53.528	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%
24) Chloroform-d	4.346	84	102329	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.034	65	47411	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.050	84	198068	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.069	67	54388	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.313	98	195518	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.625	79	22467	4.908	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.092	63	78177	51.399	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39738	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	71738	4.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70861	4.909	ug/L	100
3) Chloromethane	1.240	50	59040	4.705	ug/L	98
5) Vinyl chloride	1.307	62	63283	4.802	ug/L	98
6) Bromomethane	1.519	94	36358	4.865	ug/L	99
8) Chloroethane	1.584	64	38042	4.555	ug/L	96
9) Trichlorofluoromethane	1.751	101	102764	4.785	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	52835	4.910	ug/L	98
12) 1,1-Dichloroethene	2.117	96	49786	4.884	ug/L	96
13) Acetone	2.188	43	66036m	48.876	ug/L	
14) Carbon disulfide	2.294	76	168427	4.915	ug/L	98
15) Methyl Acetate	2.442	43	17047m	5.559	ug/L	
16) Methylene chloride	2.507	84	58925	4.051	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	107144	5.129	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	58284	5.020	ug/L	97
19) 1,1-Dichloroethane	3.188	63	96270	4.931	ug/L	99
21) 2-Butanone	3.989	43	94164m	55.064	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	58308	5.237	ug/L	100
23) Bromochloromethane	4.249	128	26753	5.120	ug/L	92
25) Chloroform	4.375	83	105241	4.839	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	56950	4.925	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	98134	5.050	ug/L	99
30) Cyclohexane	4.677	56	84301	5.198	ug/L	99
31) Carbon tetrachloride	4.828	117	88604	4.977	ug/L	100
33) Benzene	5.098	78	217628	5.133	ug/L	100
34) Trichloroethene	5.915	95	58687	5.167	ug/L	97
35) Methylcyclohexane	6.130	83	95157	5.374	ug/L	95
37) 1,2-Dichloropropane	6.172	63	50513	5.012	ug/L	100
38) Bromodichloromethane	6.510	83	69583	5.087	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	75184	5.242	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	253193	52.629	ug/L	98
42) Toluene	7.387	91	247365	5.380	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	64022	5.311	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	36622	5.248	ug/L	98
47) Tetrachloroethene	7.976	164	52214	5.051	ug/L	97
48) 2-Hexanone	8.140	43	186948	52.576	ug/L	98
49) Dibromochloromethane	8.246	129	48836	5.107	ug/L	98
50) 1,2-Dibromoethane	8.352	107	35557	5.225	ug/L	97
51) Chlorobenzene	8.882	112	156409	5.131	ug/L	98
52) Ethylbenzene	9.011	91	253767	5.280	ug/L	99
53) m,p-xylene	9.136	106	100925	5.276	ug/L	96
54) o-xylene	9.542	106	96157	5.286	ug/L	99
55) Styrene	9.561	104	164950	5.382	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	40803	5.255	ug/L	96
59) Bromoform	9.731	173	26802	4.930	ug/L	99
60) Isopropylbenzene	9.931	105	263795	5.367	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28217	4.834	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	219346	5.363	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	220660	5.456	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	133450	5.311	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	130853	5.181	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	118842	5.168	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5958	5.140	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	104222	5.312	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	79546	5.225	ug/L	99
71) Naphthalene	13.503	128	109908	5.365	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	70917	5.376	ug/L	99

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

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