

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023691.D
 Acq On : 23 Nov 2021 23:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005368

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 05:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:42:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	179550	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56915	3.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.568	69	45628	3.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.111	63	103317	3.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.899	46	101066	57.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.080%
24) Chloroform-d	4.349	84	112168	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.034	65	53188	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.053	84	218617	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.069	67	61924	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.317	98	207315	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.622	79	24115	4.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	96310	54.322	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44537	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	78088	4.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	74064	4.348	ug/L	100
3) Chloromethane	1.243	50	61542	4.156	ug/L	98
5) Vinyl chloride	1.310	62	65999	4.244	ug/L	96
6) Bromomethane	1.523	94	28279	3.207	ug/L	98
8) Chloroethane	1.587	64	42062	4.268	ug/L	97
9) Trichlorofluoromethane	1.754	101	106566	4.205	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	53963	4.249	ug/L	100
12) 1,1-Dichloroethene	2.121	96	52192	4.339	ug/L	95
13) Acetone	2.191	43	70474m	44.200	ug/L	
14) Carbon disulfide	2.298	76	172710	4.271	ug/L	100
15) Methyl Acetate	2.439	43	16535	4.569	ug/L	97
16) Methylene chloride	2.510	84	61281	3.570	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	121250	4.918	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	60609	4.423	ug/L	97
19) 1,1-Dichloroethane	3.191	63	103169	4.478	ug/L	100
21) 2-Butanone	3.986	43	97411	48.269	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	63294	4.817	ug/L	98
23) Bromochloromethane	4.252	128	28442	4.612	ug/L	95
25) Chloroform	4.378	83	110461	4.304	ug/L	96

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27) 1,2-Dichloroethane	5.133	62	62206	4.559	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	105691	4.666	ug/L	99
30) Cyclohexane	4.680	56	94250	4.986	ug/L	99
31) Carbon tetrachloride	4.828	117	97011	4.675	ug/L	100
33) Benzene	5.101	78	249346	5.045	ug/L	100
34) Trichloroethene	5.915	95	64152	4.846	ug/L	96
35) Methylcyclohexane	6.133	83	103442	5.012	ug/L	98
37) 1,2-Dichloropropane	6.172	63	54802	4.665	ug/L	99
38) Bromodichloromethane	6.510	83	75102	4.710	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	82564	4.939	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	285968	50.995	ug/L	99
42) Toluene	7.387	91	268512	5.010	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	68717	4.891	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	39505	4.857	ug/L	98
47) Tetrachloroethene	7.976	164	56959	4.727	ug/L	98
48) 2-Hexanone	8.140	43	201714	48.668	ug/L	99
49) Dibromochloromethane	8.246	129	51198	4.593	ug/L	97
50) 1,2-Dibromoethane	8.352	107	38287	4.827	ug/L	98
51) Chlorobenzene	8.883	112	172499	4.855	ug/L	99
52) Ethylbenzene	9.011	91	288812	5.155	ug/L	99
53) m,p-xylene	9.140	106	112295	5.036	ug/L	97
54) o-xylene	9.545	106	108510	5.117	ug/L	99
55) Styrene	9.561	104	180892	5.063	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	44593	4.927	ug/L	99
59) Bromoform	9.731	173	28583	4.615	ug/L	99
60) Isopropylbenzene	9.931	105	290909	5.195	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	31500	4.736	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	243726	5.231	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	246887	5.358	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	142286	4.970	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	138567	4.816	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	128748	4.914	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6828	5.170	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	112806	5.047	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	89919	5.185	ug/L	99
71) Naphthalene	13.503	128	129584	5.552	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	79080	5.262	ug/L	99

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

