

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026669.D
 Acq On : 07 Jul 2022 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Quant Time: Jul 08 02:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	199761	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	67869	4.225	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.577	69	59494	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.118	63	129714	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.921	46	81725	51.168	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.340%
24) Chloroform-d	4.355	84	127888	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.040	65	49262	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.053	84	240895	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.072	67	68517	4.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.314	98	225678	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	20122	5.034	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.092	63	63385	41.631	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46973	4.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	70056	4.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	70488	4.634	ug/L	98
3) Chloromethane	1.249	50	74426	4.474	ug/L	100
5) Vinyl chloride	1.320	62	83306	4.703	ug/L	95
6) Bromomethane	1.532	94	45033	4.697	ug/L	99
8) Chloroethane	1.593	64	56512	4.691	ug/L	100
9) Trichlorofluoromethane	1.761	101	124732	5.049	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	77147	5.271	ug/L	100
12) 1,1-Dichloroethene	2.127	96	68113	5.048	ug/L	93
13) Acetone	2.214	43	64739	63.892	ug/L	93
14) Carbon disulfide	2.301	76	162708	4.571	ug/L	99
15) Methyl Acetate	2.458	43	16706	5.718	ug/L	99
16) Methylene chloride	2.516	84	91277	6.373	ug/L	97
17) Methyl tert-butyl Ether	2.780	73	110294	5.015	ug/L	100
18) trans-1,2-Dichloroethene	2.767	96	68249	4.958	ug/L	98
19) 1,1-Dichloroethane	3.198	63	126935	5.135	ug/L	100
21) 2-Butanone	4.002	43	83544	54.808	ug/L	97
22) cis-1,2-Dichloroethene	3.921	96	67777	4.959	ug/L	94
23) Bromochloromethane	4.253	128	32274	5.733	ug/L	88
25) Chloroform	4.381	83	137316	5.193	ug/L	98

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Quant Time: Jul 08 02:54:06 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	62643	5.323	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	120429	4.999	ug/L	98
30) Cyclohexane	4.680	56	77242	4.049	ug/L	100
31) Carbon tetrachloride	4.831	117	104267	5.160	ug/L	99
33) Benzene	5.101	78	279482	4.889	ug/L	100
34) Trichloroethene	5.915	95	68687	4.570	ug/L	97
35) Methylcyclohexane	6.130	83	91958	4.136	ug/L	98
37) 1,2-Dichloropropane	6.175	63	68048	4.939	ug/L	99
38) Bromodichloromethane	6.513	83	87309	5.368	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	71824	5.186	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	243980	52.424	ug/L	98
42) Toluene	7.387	91	301120	5.103	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	59364	5.763	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	47452	5.461	ug/L	98
47) Tetrachloroethene	7.976	164	59991	5.014	ug/L	95
48) 2-Hexanone	8.140	43	177948	54.928	ug/L	96
49) Dibromochloromethane	8.246	129	54446	6.189	ug/L	98
50) 1,2-Dibromoethane	8.352	107	40518	5.245	ug/L	98
51) Chlorobenzene	8.879	112	190029	4.916	ug/L	98
52) Ethylbenzene	9.011	91	281457	4.611	ug/L	98
53) m,p-Xylene	9.137	106	112366	4.719	ug/L	100
54) o-Xylene	9.542	106	106472	4.764	ug/L	100
55) Styrene	9.561	104	192029	5.188	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	52280	5.389	ug/L	98
59) Bromoform	9.731	173	24723	6.606	ug/L	98
60) Isopropylbenzene	9.931	105	287614	4.592	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34950	5.315	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	213170	4.305	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	217102	4.447	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	150790	4.949	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	147685	4.882	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	129695	5.003	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5707	4.839	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	102828	4.694	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	69760	4.510	ug/L	100
71) Naphthalene	13.500	128	85440	4.234	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	58412	4.614	ug/L	100

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

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