

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024590.D
 Acq On : 10 Feb 2022 23:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005304

Quant Time: Feb 12 00:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 23:54:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	121538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	62095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43650	4.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.571	69	40164	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.114	63	101811	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.892	46	99474	58.011	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.020%
24) Chloroform-d	4.352	84	90614	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.034	65	41665	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.050	84	175674	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.069	67	54105	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	160581	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.622	79	20242	4.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	84359	55.282	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34614	5.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	50885	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	79956	4.938	ug/L	99
3) Chloromethane	1.243	50	74724	4.690	ug/L	99
5) Vinyl chloride	1.314	62	80388	4.685	ug/L	99
6) Bromomethane	1.526	94	47077	4.457	ug/L	99
8) Chloroethane	1.587	64	52011	4.949	ug/L	97
9) Trichlorofluoromethane	1.757	101	119219	5.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	62049	4.800	ug/L #	87
12) 1,1-Dichloroethene	2.121	96	60340	4.729	ug/L	93
13) Acetone	2.185	43	70509	52.105	ug/L	73
14) Carbon disulfide	2.297	76	185434	4.573	ug/L	99
15) Methyl Acetate	2.439	43	18635	4.815	ug/L	100
16) Methylene chloride	2.510	84	58846	4.655	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	127320	4.843	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	59756	4.767	ug/L	93
19) 1,1-Dichloroethane	3.191	63	109694	5.067	ug/L	98
21) 2-Butanone	3.976	43	117550	52.414	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	62669	4.959	ug/L	92
23) Bromochloromethane	4.252	128	24332	5.070	ug/L	86
25) Chloroform	4.378	83	111228	4.909	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	64633	5.203	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	102042	5.118	ug/L	96
30) Cyclohexane	4.680	56	102673	4.999	ug/L	98
31) Carbon tetrachloride	4.831	117	85906	5.087	ug/L	100
33) Benzene	5.101	78	247441	5.217	ug/L	100
34) Trichloroethene	5.915	95	64551	4.942	ug/L	89
35) Methylcyclohexane	6.130	83	107166	4.960	ug/L	98
37) 1,2-Dichloropropane	6.175	63	60281	5.243	ug/L #	96
38) Bromodichloromethane	6.510	83	77071	5.043	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	86609	4.943	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	307042	51.751	ug/L	100
42) Toluene	7.387	91	261945	5.069	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	70760	4.889	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	38017	5.103	ug/L	96
47) Tetrachloroethene	7.976	164	43262	4.993	ug/L	92
48) 2-Hexanone	8.136	43	218299	53.750	ug/L	98
49) Dibromochloromethane	8.246	129	44812	4.981	ug/L	100
50) 1,2-Dibromoethane	8.352	107	35821	5.123	ug/L #	95
51) Chlorobenzene	8.879	112	159602	5.040	ug/L	94
52) Ethylbenzene	9.011	91	290395	5.051	ug/L	98
53) m,p-xylene	9.136	106	108716	4.992	ug/L	97
54) o-xylene	9.542	106	106177	5.056	ug/L	95
55) Styrene	9.558	104	176995	5.134	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	41330	5.476	ug/L	98
59) Bromoform	9.731	173	19517	4.919	ug/L	99
60) Isopropylbenzene	9.931	105	287599	5.106	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	31326	5.117	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	246561	5.113	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	245630	5.123	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	117492	5.125	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	114721	5.038	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	104629	5.141	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6159	5.180	ug/L #	71
69) 1,3,5-Trichlorobenzene	12.644	180	83275	5.106	ug/L	96
70) 1,2,4-trichlorobenzene	13.258	180	68721	5.218	ug/L	97
71) Naphthalene	13.500	128	119279	5.000	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55447	5.005	ug/L	96

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

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