

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024477.D
 Acq On : 28 Jan 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

Quant Time: Jan 29 01:59:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 03:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	153705	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50451	3.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.565	69	49320	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.105	63	111378	4.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.909	46	84854	39.538	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.080%
24) Chloroform-d	4.339	84	121390	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.027	65	55998	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.044	84	219232	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.063	67	68901	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.310	98	207367	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.619	79	23899	4.593	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.088	63	92529	52.010	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44774	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	75790	4.601	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	97258	5.611	ug/L	99
3) Chloromethane	1.237	50	80670	5.121	ug/L	96
5) Vinyl chloride	1.307	62	84145	5.326	ug/L	98
6) Bromomethane	1.520	94	52212	5.278	ug/L	99
8) Chloroethane	1.581	64	49390	5.316	ug/L	95
9) Trichlorofluoromethane	1.751	101	123914	5.539	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	68248	5.602	ug/L	97
12) 1,1-Dichloroethene	2.114	96	61798	5.350	ug/L	100
13) Acetone	2.208	43	52815	47.205	ug/L	66
14) Carbon disulfide	2.291	76	187828	5.291	ug/L	100
15) Methyl Acetate	2.439	43	13714	4.538	ug/L	93
16) Methylene chloride	2.503	84	61508	5.203	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	113266	5.449	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	62301	5.621	ug/L	92
19) 1,1-Dichloroethane	3.182	63	113841	5.509	ug/L	99
21) 2-Butanone	3.989	43	74732	36.964	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	61165	5.494	ug/L	93
23) Bromochloromethane	4.243	128	27387	5.483	ug/L	91
25) Chloroform	4.368	83	119253	5.082	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	62230	5.564	ug/L	95
29) 1,1,1-Trichloroethane	4.600	97	106235	5.685	ug/L	98
30) Cyclohexane	4.667	56	92671	5.254	ug/L	96
31) Carbon tetrachloride	4.818	117	94431	5.616	ug/L	99
33) Benzene	5.092	78	244400	5.668	ug/L	100
34) Trichloroethene	5.908	95	66733	5.475	ug/L	92
35) Methylcyclohexane	6.124	83	96685	5.378	ug/L	95
37) 1,2-Dichloropropane	6.166	63	60293	5.691	ug/L	98
38) Bromodichloromethane	6.503	83	76148	5.309	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	78792	5.520	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	275651	55.820	ug/L	97
42) Toluene	7.384	91	264857	5.799	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	67729	5.696	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	39650	5.535	ug/L	97
47) Tetrachloroethene	7.973	164	54876	5.715	ug/L	98
48) 2-Hexanone	8.137	43	214685	59.129	ug/L	99
49) Dibromochloromethane	8.243	129	50579	5.674	ug/L	97
50) 1,2-Dibromoethane	8.349	107	37683	5.612	ug/L	90
51) Chlorobenzene	8.879	112	161760	5.485	ug/L	96
52) Ethylbenzene	9.008	91	258864	5.390	ug/L	98
53) m,p-xylene	9.137	106	100773	5.592	ug/L	95
54) o-xylene	9.542	106	95577	5.627	ug/L	95
55) Styrene	9.558	104	165321	5.822	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	38369	5.470	ug/L	95
59) Bromoform	9.728	173	26689	5.525	ug/L #	98
60) Isopropylbenzene	9.928	105	260744	5.573	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32520	5.463	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	204724	5.434	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	211980	5.484	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	133743	5.655	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	135541	5.630	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	121019	5.575	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5770	4.984	ug/L	88
69) 1,3,5-Trichlorobenzene	12.645	180	105235	5.459	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	78252	5.330	ug/L	97
71) Naphthalene	13.500	128	97080	5.243	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	69854	5.577	ug/L	98

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

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