

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033122\
 Data File : VW025325.D
 Acq On : 31 Mar 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

Quant Time: Apr 01 01:27:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 31 01:26:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	152430	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67144	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.564	69	55935	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.108	63	145789	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	3.905	46	61583	43.420	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.840%
24) Chloroform-d	4.346	84	86979	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.027	65	37138	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.043	84	164522	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	46359	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.313	98	154887	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.622	79	15266	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.088	63	52222	43.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30497	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	49678	4.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	82227	5.401	ug/L	98
3) Chloromethane	1.240	50	96213	5.358	ug/L	99
5) Vinyl chloride	1.310	62	107657	5.368	ug/L	97
6) Bromomethane	1.519	94	64046	5.379	ug/L	98
8) Chloroethane	1.584	64	67381	5.353	ug/L	99
9) Trichlorofluoromethane	1.751	101	148237	5.467	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	89262	5.542	ug/L	99
12) 1,1-Dichloroethene	2.114	96	84628	5.514	ug/L	95
13) Acetone	2.204	43	63129	58.331	ug/L	98
14) Carbon disulfide	2.291	76	172214	5.417	ug/L	99
15) Methyl Acetate	2.442	43	13929	5.654	ug/L #	85
16) Methylene chloride	2.503	84	60821	5.047	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	104928	5.404	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	59967	5.444	ug/L	96
19) 1,1-Dichloroethane	3.185	63	102687	5.585	ug/L	99
21) 2-Butanone	3.989	43	85438	57.372	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	60598	5.415	ug/L	94
23) Bromochloromethane	4.243	128	25456	5.454	ug/L	94
25) Chloroform	4.368	83	112850	5.531	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	57578	5.465	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	98455	5.618	ug/L	99
30) Cyclohexane	4.670	56	81345	5.190	ug/L	96
31) Carbon tetrachloride	4.822	117	87113	5.742	ug/L	99
33) Benzene	5.095	78	237781	5.593	ug/L	100
34) Trichloroethene	5.908	95	64647	5.538	ug/L	99
35) Methylcyclohexane	6.127	83	98606	5.390	ug/L	99
37) 1,2-Dichloropropane	6.169	63	56635	5.743	ug/L	99
38) Bromodichloromethane	6.506	83	73205	5.859	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	70157	5.486	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	223567	56.775	ug/L	99
42) Toluene	7.384	91	263351	5.802	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	56557	5.626	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	38687	5.729	ug/L	99
47) Tetrachloroethene	7.973	164	50189	5.830	ug/L	98
48) 2-Hexanone	8.140	43	158186	56.167	ug/L	99
49) Dibromochloromethane	8.243	129	43682	6.011	ug/L	99
50) 1,2-Dibromoethane	8.349	107	34989	5.562	ug/L	97
51) Chlorobenzene	8.879	112	164781	5.622	ug/L	99
52) Ethylbenzene	9.011	91	270437	5.618	ug/L	98
53) m,p-Xylene	9.136	106	107442	5.739	ug/L	99
54) o-Xylene	9.542	106	102473	5.725	ug/L	95
55) Styrene	9.558	104	175529	5.964	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	38145	5.419	ug/L	100
59) Bromoform	9.728	173	19135	6.378	ug/L #	96
60) Isopropylbenzene	9.927	105	272635	5.600	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	29620	5.333	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	112454	5.152	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	215894	5.544	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	126919	5.567	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	126437	5.538	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	112146	5.590	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	5004	5.032	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	91367	5.556	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	68514	5.521	ug/L	98
71) Naphthalene	13.500	128	98076	5.071	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60090	5.620	ug/L	97

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

