

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025436.D
 Acq On : 09 Apr 2022 01:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005303

Quant Time: Apr 09 06:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	151099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	68618	4.939	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.571	69	65564	4.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.111	63	143042	5.140	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.800%	
20) 2-Butanone-d5	3.892	46	99915	59.128	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.260%	
24) Chloroform-d	4.352	84	106039	5.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.034	65	47585	5.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.053	84	204102	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.069	67	59114	4.848	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.000%	
41) Toluene-d8	7.317	98	188121	4.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.625	79	19689	4.804	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.000%	
46) 2-Hexanone-d5	8.088	63	82039	57.039	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.080%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39185	5.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	66110	4.962	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	71751	5.316	ug/L	100
3) Chloromethane	1.243	50	89125	6.077	ug/L	99
5) Vinyl chloride	1.314	62	98434	5.939	ug/L	100
6) Bromomethane	1.526	94	61859	5.176	ug/L	98
8) Chloroethane	1.587	64	71230	5.568	ug/L	99
9) Trichlorofluoromethane	1.757	101	133631	5.740	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	65282	4.991	ug/L	99
12) 1,1-Dichloroethene	2.121	96	73455	5.668	ug/L	89
13) Acetone	2.182	43	71788	62.591	ug/L	97
14) Carbon disulfide	2.297	76	165859	5.346	ug/L	100
15) Methyl Acetate	2.442	43	18197	7.139	ug/L #	89
16) Methylene chloride	2.510	84	61058	4.859	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	120382	6.003	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	60198	5.543	ug/L	95
19) 1,1-Dichloroethane	3.195	63	105693	5.746	ug/L	96
21) 2-Butanone	3.976	43	104737	66.087	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	64238	5.619	ug/L	97
23) Bromochloromethane	4.252	128	28210	5.943	ug/L	99
25) Chloroform	4.378	83	113572	5.849	ug/L	93

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27) 1,2-Dichloroethane	5.133	62	61704	6.023	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	98878	5.548	ug/L	100
30) Cyclohexane	4.680	56	82516	5.093	ug/L	98
31) Carbon tetrachloride	4.828	117	83011	5.508	ug/L	99
33) Benzene	5.101	78	245791	5.507	ug/L	100
34) Trichloroethene	5.915	95	64500	5.442	ug/L	96
35) Methylcyclohexane	6.130	83	86307	4.564	ug/L	99
37) 1,2-Dichloropropane	6.172	63	58690	5.684	ug/L	100
38) Bromodichloromethane	6.509	83	72797	5.679	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	74069	5.474	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	269856	65.270	ug/L	100
42) Toluene	7.387	91	266823	5.496	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	59790	5.687	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	41829	6.049	ug/L	99
47) Tetrachloroethene	7.976	164	46733	5.037	ug/L	92
48) 2-Hexanone	8.140	43	197829	68.659	ug/L	97
49) Dibromochloromethane	8.246	129	44000	5.796	ug/L	97
50) 1,2-Dibromoethane	8.352	107	37109	5.713	ug/L	99
51) Chlorobenzene	8.882	112	165220	5.329	ug/L	99
52) Ethylbenzene	9.011	91	271632	5.246	ug/L	99
53) m,p-Xylene	9.140	106	104898	5.328	ug/L	97
54) o-Xylene	9.542	106	104780	5.479	ug/L	95
55) Styrene	9.561	104	175996	5.660	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41048	5.941	ug/L	98
59) Bromoform	9.731	173	19689	6.002	ug/L	97
60) Isopropylbenzene	9.931	105	271167	5.513	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	32659	6.240	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	116123	5.294	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	211070	5.341	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	123472	5.378	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	123230	5.287	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	112773	5.546	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5881	6.499	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	83111	4.758	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	67749	5.031	ug/L	98
71) Naphthalene	13.500	128	118388	5.993	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61884	5.550	ug/L	99

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

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