

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042122\
 Data File : VW025677.D
 Acq On : 21 Apr 2022 19:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

Quant Time: Apr 22 03:11:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112298	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	39001	3.736	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.571	69	43564	3.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.400%	
11) 1,1-Dichloroethene-d2	2.111	63	80717	3.859	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	3.895	46	95222	74.979	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	149.960%#	
24) Chloroform-d	4.352	84	85882	5.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
26) 1,2-Dichloroethane-d4	5.034	65	40580	5.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.400%	
32) Benzene-d6	5.053	84	155139	4.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.069	67	49615	5.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.800%	
41) Toluene-d8	7.316	98	137027	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15643	5.104	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.000%	
46) 2-Hexanone-d5	8.088	63	65690	61.065	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.120%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32956	5.720	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46363	4.746	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	28929	2.852	ug/L	99
3) Chloromethane	1.243	50	54519	4.946	ug/L	99
5) Vinyl chloride	1.313	62	47989	3.853	ug/L	100
6) Bromomethane	1.526	94	33777	3.761	ug/L	98
8) Chloroethane	1.587	64	38406	3.994	ug/L	94
9) Trichlorofluoromethane	1.757	101	59054	3.375	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	30739	3.127	ug/L	98
12) 1,1-Dichloroethene	2.121	96	34000	3.491	ug/L	96
13) Acetone	2.182	43	60692	70.409	ug/L	98
14) Carbon disulfide	2.297	76	66997	2.874	ug/L	99
15) Methyl Acetate	2.442	43	14250	7.438	ug/L #	85
16) Methylene chloride	2.510	84	43480	4.604	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	85928	5.701	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	29912	3.665	ug/L	96
19) 1,1-Dichloroethane	3.194	63	68865	4.981	ug/L	98
21) 2-Butanone	3.976	43	81933	68.788	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	38558	4.487	ug/L	96
23) Bromochloromethane	4.256	128	18239	5.113	ug/L	91
25) Chloroform	4.378	83	75117	5.148	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44255	5.748	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	50876	3.817	ug/L	98
30) Cyclohexane	4.680	56	32092	2.648	ug/L	96
31) Carbon tetrachloride	4.831	117	38516	3.417	ug/L	100
33) Benzene	5.101	78	138249	4.141	ug/L	100
34) Trichloroethene	5.918	95	31697	3.576	ug/L	98
35) Methylcyclohexane	6.133	83	35472	2.508	ug/L	95
37) 1,2-Dichloropropane	6.175	63	38787	5.022	ug/L	100
38) Bromodichloromethane	6.513	83	48602	5.069	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	43592	4.307	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	212550	68.736	ug/L	95
42) Toluene	7.387	91	130244	3.587	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	37224	4.734	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	28091	5.432	ug/L	95
47) Tetrachloroethene	7.976	164	20559	2.963	ug/L	94
48) 2-Hexanone	8.140	43	156986	72.847	ug/L	94
49) Dibromochloromethane	8.246	129	28561	5.030	ug/L	98
50) 1,2-Dibromoethane	8.352	107	23626	4.863	ug/L	100
51) Chlorobenzene	8.882	112	83410	3.597	ug/L	98
52) Ethylbenzene	9.014	91	115424	2.980	ug/L	98
53) m,p-Xylene	9.140	106	44841	3.045	ug/L	100
54) o-Xylene	9.541	106	44552	3.115	ug/L	96
55) Styrene	9.561	104	77604	3.337	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	27404	5.303	ug/L	98
59) Bromoform	9.731	173	12983	5.398	ug/L	95
60) Isopropylbenzene	9.931	105	111889	3.102	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	22960	5.983	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	46382	2.884	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	83340	2.876	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	56475	3.354	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	56155	3.286	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	52993	3.554	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	3952	5.956	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	38364	2.995	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	29327	2.970	ug/L	99
71) Naphthalene	13.503	128	48383	3.340	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	26082	3.190	ug/L	98

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

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