

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026877.D
 Acq On : 21 Jul 2022 16:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005364

Quant Time: Jul 22 05:57:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	228639	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	231485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	127728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	91776	4.400	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.561	69	80920	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.105	63	176692	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.889	46	165295	50.775	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.540%
24) Chloroform-d	4.342	84	182792	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.031	65	77011	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.047	84	351725	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.066	67	105578	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.313	98	323414	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.622	79	32953	4.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.088	63	137251	45.943	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	79243	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	106290	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143189	4.926	ug/L	99
3) Chloromethane	1.240	50	122458	4.390	ug/L	97
5) Vinyl chloride	1.307	62	133789	4.711	ug/L	99
6) Bromomethane	1.516	94	75331	4.431	ug/L	98
8) Chloroethane	1.581	64	80345	4.801	ug/L	99
9) Trichlorofluoromethane	1.748	101	181125	5.018	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	104471	5.053	ug/L	99
12) 1,1-Dichloroethene	2.111	96	98683	4.922	ug/L	92
13) Acetone	2.179	43	127993	46.729	ug/L #	27
14) Carbon disulfide	2.288	76	282876	4.789	ug/L	99
15) Methyl Acetate	2.436	43	32304	5.831	ug/L	95
16) Methylene chloride	2.500	84	154598	6.474	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	182372	5.280	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	101954	5.533	ug/L	93
19) 1,1-Dichloroethane	3.182	63	187291	5.566	ug/L	98
21) 2-Butanone	3.973	43	184684	57.816	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	103171	5.552	ug/L	99
23) Bromochloromethane	4.243	128	48276	5.639	ug/L	95
25) Chloroform	4.368	83	202281	5.740	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	100209	5.277	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	169308	5.428	ug/L	98
30) Cyclohexane	4.674	56	128380	4.830	ug/L	98
31) Carbon tetrachloride	4.822	117	149286	5.419	ug/L	96
33) Benzene	5.095	78	420236	5.430	ug/L	100
34) Trichloroethene	5.912	95	105247	5.533	ug/L	97
35) Methylcyclohexane	6.127	83	142835	4.920	ug/L	99
37) 1,2-Dichloropropane	6.169	63	107275	5.797	ug/L	99
38) Bromodichloromethane	6.506	83	132416	5.489	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	122092	5.309	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	449876	52.628	ug/L	99
42) Toluene	7.384	91	443847	5.679	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	102838	5.446	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	74643	5.518	ug/L	98
47) Tetrachloroethene	7.973	164	83602	5.604	ug/L	98
48) 2-Hexanone	8.137	43	334689	54.098	ug/L	99
49) Dibromochloromethane	8.243	129	87372	5.604	ug/L	98
50) 1,2-Dibromoethane	8.352	107	66539	5.559	ug/L	97
51) Chlorobenzene	8.879	112	275469	5.574	ug/L	98
52) Ethylbenzene	9.011	91	409867	5.299	ug/L	98
53) m,p-Xylene	9.136	106	166036	5.520	ug/L	99
54) o-Xylene	9.542	106	157406	5.506	ug/L	96
55) Styrene	9.558	104	285659	5.702	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	83615	5.221	ug/L	97
59) Bromoform	9.728	173	40494	4.941	ug/L	97
60) Isopropylbenzene	9.931	105	414230	5.200	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	58338	4.953	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	318608	5.027	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	323389	5.024	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	216016	5.534	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	212395	5.352	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	192314	5.276	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11657	4.668	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	146989	5.328	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	106676	5.084	ug/L	97
71) Naphthalene	13.500	128	152463	4.386	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	97663	5.002	ug/L	99

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

