

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081221\
 Data File : VV021777.D
 Acq On : 12 Aug 2021 15:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005287

Quant Time: Aug 13 03:39:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 13 03:38:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	207460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	194083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37781	4.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.564	69	45705	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.105	63	89085	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	3.905	46	161725	51.223	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.440%
24) Chloroform-d	4.346	84	128935	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.030	65	58637	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	250994	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.069	67	78597	5.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	230121	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.625	79	24528	5.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.088	63	122063	52.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52053	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	90172	4.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	82901	5.561	ug/L	98
3) Chloromethane	1.240	50	68741	5.378	ug/L	99
5) Vinyl chloride	1.307	62	73988	5.499	ug/L	99
6) Bromomethane	1.519	94	45237	5.325	ug/L	100
8) Chloroethane	1.584	64	43819	5.185	ug/L	99
9) Trichlorofluoromethane	1.751	101	111366	5.633	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	57241	5.378	ug/L	99
12) 1,1-Dichloroethene	2.114	96	51254	5.366	ug/L	97
13) Acetone	2.211	43	87266	43.672	ug/L	96
14) Carbon disulfide	2.288	76	124738	4.465	ug/L	100
15) Methyl Acetate	2.442	43	27006	4.703	ug/L	98
16) Methylene chloride	2.503	84	87056	5.045	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	162220	5.402	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	68742	5.585	ug/L	96
19) 1,1-Dichloroethane	3.185	63	127164	5.535	ug/L	100
21) 2-Butanone	3.992	43	172080	52.774	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	76759	5.526	ug/L	100
23) Bromochloromethane	4.246	128	33059	5.289	ug/L	97
25) Chloroform	4.371	83	132083	5.388	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	70068	5.359	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	116494	5.622	ug/L	98
30) Cyclohexane	4.674	56	103145	5.543	ug/L	99
31) Carbon tetrachloride	4.825	117	98980	5.544	ug/L	100
33) Benzene	5.098	78	274141	5.518	ug/L	100
34) Trichloroethene	5.911	95	77354	5.536	ug/L	96
35) Methylcyclohexane	6.127	83	113570	5.637	ug/L	99
37) 1,2-Dichloropropane	6.172	63	68772	5.449	ug/L	99
38) Bromodichloromethane	6.510	83	89704	5.508	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	102279	5.609	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	409662	52.825	ug/L	100
42) Toluene	7.387	91	299593	5.570	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85845	5.552	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	50286	5.327	ug/L	97
47) Tetrachloroethene	7.976	164	60194	5.547	ug/L	98
48) 2-Hexanone	8.140	43	288012	53.882	ug/L	97
49) Dibromochloromethane	8.246	129	62345	5.561	ug/L	98
50) 1,2-Dibromoethane	8.352	107	47244	5.369	ug/L	97
51) Chlorobenzene	8.882	112	196444	5.484	ug/L	99
52) Ethylbenzene	9.011	91	323945	5.593	ug/L	99
53) m,p-xylene	9.140	106	126225	5.574	ug/L	99
54) o-xylene	9.545	106	124554	5.580	ug/L	100
55) Styrene	9.561	104	210655	5.692	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	50905	5.245	ug/L	99
59) Bromoform	9.731	173	32978	5.248	ug/L	99
60) Isopropylbenzene	9.931	105	337940	5.445	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	41404	5.106	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	282296	5.461	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	291350	5.544	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	163878	5.462	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	162614	5.450	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	150859	5.373	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7791	5.107	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	127300	5.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	101332	5.494	ug/L	99
71) Naphthalene	13.503	128	146583	5.353	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	90386	5.573	ug/L	99

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

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