

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092421\
 Data File : VV022325.D
 Acq On : 24 Sep 2021 18:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

Quant Time: Sep 25 04:33:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 25 04:30:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127747	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	69995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	25572	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.565	69	32860	4.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.105	63	64726	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.908	46	142567	52.742	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.480%
24) Chloroform-d	4.352	84	85229	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.037	65	40050	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.050	84	162727	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.072	67	52270	4.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.317	98	141535	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.625	79	14999	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.092	63	111984	52.567	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43970	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	56520	4.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	49936	4.885	ug/L	98
3) Chloromethane	1.240	50	48917	4.789	ug/L	100
5) Vinyl chloride	1.307	62	48466	4.933	ug/L	97
6) Bromomethane	1.519	94	31701	5.033	ug/L	100
8) Chloroethane	1.581	64	30615	4.948	ug/L	93
9) Trichlorofluoromethane	1.748	101	67903	4.997	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	40801	5.038	ug/L	99
12) 1,1-Dichloroethene	2.114	96	36459	4.942	ug/L	85
13) Acetone	2.198	43	73907	48.223	ug/L	98
14) Carbon disulfide	2.288	76	120308	4.796	ug/L	100
15) Methyl Acetate	2.445	43	17497	5.145	ug/L	92
16) Methylene chloride	2.503	84	48050	3.743	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	98058	4.998	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	43829	4.973	ug/L	97
19) 1,1-Dichloroethane	3.188	63	77775	5.002	ug/L	98
21) 2-Butanone	3.992	43	119800	51.671	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	45633	5.210	ug/L	99
23) Bromochloromethane	4.253	128	20770	5.023	ug/L	97
25) Chloroform	4.378	83	81128	5.106	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	45804	4.937	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	68598	5.156	ug/L	98
30) Cyclohexane	4.677	56	67300	5.066	ug/L	97
31) Carbon tetrachloride	4.828	117	57689	5.104	ug/L	98
33) Benzene	5.101	78	175306	5.217	ug/L	100
34) Trichloroethene	5.915	95	45584	5.338	ug/L	94
35) Methylcyclohexane	6.130	83	71952	5.277	ug/L	99
37) 1,2-Dichloropropane	6.175	63	45498	5.363	ug/L	99
38) Bromodichloromethane	6.513	83	50954	4.985	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	58465	5.211	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	291182	53.259	ug/L	99
42) Toluene	7.391	91	189651	5.328	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	49835	5.197	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	33190	5.174	ug/L	96
47) Tetrachloroethene	7.979	164	38447	5.309	ug/L	99
48) 2-Hexanone	8.143	43	214468	55.826	ug/L	100
49) Dibromochloromethane	8.249	129	37506	5.437	ug/L	91
50) 1,2-Dibromoethane	8.355	107	31742	5.322	ug/L	94
51) Chlorobenzene	8.883	112	121473	5.195	ug/L	99
52) Ethylbenzene	9.014	91	192262	5.192	ug/L	97
53) m,p-xylene	9.140	106	76937	5.380	ug/L	90
54) o-xylene	9.545	106	72059	5.171	ug/L	95
55) Styrene	9.561	104	125900	5.445	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	39955	5.016	ug/L	100
59) Bromoform	9.735	173	19102	4.892	ug/L	97
60) Isopropylbenzene	9.934	105	193077	4.950	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	28486	4.692	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	153141	4.808	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	158116	4.980	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	97211	5.064	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	96611	4.966	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	91701	5.011	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	5518	4.572	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	72457	4.976	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	56219	4.846	ug/L	96
71) Naphthalene	13.506	128	98392	4.667	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53559	4.940	ug/L	97

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

