

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
 Data File : VV022310.D
 Acq On : 24 Sep 2021 02:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Quant Time: Sep 24 05:12:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 05:07:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132182	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	67572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31791	4.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.561	69	36343	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.108	63	73316	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.880	46	131856	48.444	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.880%
24) Chloroform-d	4.352	84	92893	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.034	65	44192	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.053	84	184272	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.072	67	57295	5.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	163518	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.629	79	15634	4.502	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.088	63	108037	50.033	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46557	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	61058	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	51942	5.047	ug/L	98
3) Chloromethane	1.240	50	52604	5.115	ug/L	99
5) Vinyl chloride	1.307	62	50469	5.102	ug/L	99
6) Bromomethane	1.519	94	31292	4.934	ug/L	95
8) Chloroethane	1.581	64	29722	4.771	ug/L	100
9) Trichlorofluoromethane	1.751	101	69873	5.107	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	40363	4.950	ug/L	97
12) 1,1-Dichloroethene	2.118	96	38338	5.161	ug/L	81
13) Acetone	2.169	43	68695	44.514	ug/L	98
14) Carbon disulfide	2.291	76	122940	4.867	ug/L	99
15) Methyl Acetate	2.436	43	17530	5.119	ug/L	93
16) Methylene chloride	2.507	84	51899	4.015	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	95863	4.852	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	45238	5.098	ug/L	97
19) 1,1-Dichloroethane	3.188	63	79431	5.074	ug/L	98
21) 2-Butanone	3.966	43	116325	49.827	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	45873	5.201	ug/L	99
23) Bromochloromethane	4.249	128	21140	5.077	ug/L	96
25) Chloroform	4.378	83	83700	5.232	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	47358	5.069	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	70203	5.206	ug/L	98
30) Cyclohexane	4.680	56	67851	5.039	ug/L	99
31) Carbon tetrachloride	4.828	117	60422	5.274	ug/L	99
33) Benzene	5.101	78	184880	5.428	ug/L	100
34) Trichloroethene	5.918	95	46200	5.338	ug/L	94
35) Methylcyclohexane	6.133	83	72010	5.210	ug/L	99
37) 1,2-Dichloropropane	6.175	63	46403	5.396	ug/L	100
38) Bromodichloromethane	6.513	83	53390	5.153	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	55445	4.876	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	288492	52.058	ug/L	99
42) Toluene	7.391	91	194066	5.378	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	46743	4.809	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	33836	5.204	ug/L	96
47) Tetrachloroethene	7.979	164	38245	5.210	ug/L	97
48) 2-Hexanone	8.140	43	207747	53.351	ug/L	99
49) Dibromochloromethane	8.249	129	36691	5.248	ug/L	98
50) 1,2-Dibromoethane	8.355	107	31726	5.248	ug/L	98
51) Chlorobenzene	8.886	112	122530	5.170	ug/L	97
52) Ethylbenzene	9.014	91	195209	5.201	ug/L	98
53) m,p-xylene	9.140	106	76779	5.297	ug/L	96
54) o-xylene	9.545	106	73658	5.215	ug/L	96
55) Styrene	9.564	104	128225	5.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	40823	5.057	ug/L	95
59) Bromoform	9.735	173	18832	4.995	ug/L	97
60) Isopropylbenzene	9.934	105	193439	5.137	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	27624	4.713	ug/L	94
62) 1,3,5-Trimethylbenzene	10.542	105	154460	5.023	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	157110	5.126	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	95292	5.142	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	95143	5.066	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	90048	5.097	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	5384	4.621	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	68854	4.898	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	53397	4.768	ug/L	96
71) Naphthalene	13.506	128	91173	4.480	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	51205	4.892	ug/L	99

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

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