

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081121\
 Data File : VV021767.D
 Acq On : 11 Aug 2021 10:56
 Operator : SY/MD
 Sample : VSTD01021
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010221

Quant Time: Aug 12 02:44:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 02:40:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	200496	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	189856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	102207	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80805	10.018	ug/L	0.00
7) Chloroethane-d5	1.565	69	95312	11.981	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	195433	12.547	ug/L	0.00
20) 2-Butanone-d5	3.915	46	337186	114.321	ug/L	0.00
24) Chloroform-d	4.349	84	263883	11.581	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	118828	11.370	ug/L	0.00
32) Benzene-d6	5.053	84	521229	11.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	162241	11.294	ug/L	0.00
41) Toluene-d8	7.317	98	484123	11.909	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	52845	9.299	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	269227	99.284	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	113715	10.047	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	187496	11.037	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	161224	12.185	ug/L	99
3) Chloromethane	1.240	50	134174	11.608	ug/L	99
5) Vinyl chloride	1.307	62	144158	12.008	ug/L	99
6) Bromomethane	1.520	94	90977	11.619	ug/L	99
8) Chloroethane	1.584	64	87149	11.967	ug/L	99
9) Trichlorofluoromethane	1.751	101	212330	11.520	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	118057	11.748	ug/L	97
12) 1,1-Dichloroethene	2.114	96	106345	11.278	ug/L	99
13) Acetone	2.227	43	187573	108.113	ug/L	99
14) Carbon disulfide	2.291	76	298844	9.561	ug/L	100
15) Methyl Acetate	2.446	43	59168	14.311	ug/L	98
16) Methylene chloride	2.507	84	143437	9.026	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	322216	11.515	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	132989	11.139	ug/L	97
19) 1,1-Dichloroethane	3.188	63	243466	11.430	ug/L	99
21) 2-Butanone	4.002	43	347989	120.871	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	149101	11.418	ug/L	100
23) Bromochloromethane	4.249	128	66268	11.256	ug/L	99
25) Chloroform	4.378	83	253470	11.540	ug/L	97
27) 1,2-Dichloroethane	5.133	62	140005	11.790	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	227941	11.164	ug/L	99
30) Cyclohexane	4.677	56	203578	10.252	ug/L	99
31) Carbon tetrachloride	4.828	117	196022	10.632	ug/L	100
33) Benzene	5.101	78	540920	11.278	ug/L	100
34) Trichloroethene	5.915	95	149609	11.327	ug/L	99
35) Methylcyclohexane	6.133	83	219690	10.325	ug/L	98
37) 1,2-Dichloropropane	6.175	63	138062	11.518	ug/L	99
38) Bromodichloromethane	6.513	83	179043	11.058	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	209054	11.056	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	833554	112.502	ug/L	99
42) Toluene	7.391	91	592604	11.233	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	175719	11.341	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	102267	11.445	ug/L	97
47) Tetrachloroethene	7.976	164	119619	10.177	ug/L	98
48) 2-Hexanone	8.143	43	584227	116.137	ug/L	99
49) Dibromochloromethane	8.249	129	125922	10.676	ug/L	99
50) 1,2-Dibromoethane	8.355	107	95286	11.181	ug/L	99
51) Chlorobenzene	8.883	112	388656	11.140	ug/L	98
52) Ethylbenzene	9.014	91	649663	11.078	ug/L	99
53) m,p-xylene	9.140	106	251124	11.094	ug/L	99
54) o-xylene	9.545	106	250085	11.278	ug/L	99
55) Styrene	9.564	104	425157	11.406	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	110951	10.831	ug/L	99
59) Bromoform	9.735	173	68426	9.756	ug/L	98
60) Isopropylbenzene	9.934	105	671628	11.460	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	84068	11.606	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	560422	11.301	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	578737	11.375	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	324033	11.263	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	318166	11.054	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	298894	11.156	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	16673	9.936	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	254619	10.060	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	209527	10.033	ug/L	99
71) Naphthalene	13.503	128	327442	10.060	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	188285	10.116	ug/L	99

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

