

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025788.D
 Acq On : 03 May 2022 12:33
 Operator : SY/MD
 Sample : VSTD02041
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020241

Quant Time: May 03 12:55:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:52:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	197683	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	203360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	372880	17.208	ug/L	0.00
7) Chloroethane-d5	1.571	69	328407	17.231	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	755770	18.361	ug/L	0.00
20) 2-Butanone-d5	3.889	46	579546	195.440	ug/L	0.00
24) Chloroform-d	4.349	84	582942	17.961	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	256126	17.831	ug/L	0.00
32) Benzene-d6	5.050	84	1195394	18.305	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	345523	17.989	ug/L	0.00
41) Toluene-d8	7.313	98	1128562	19.102	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	123759	20.354	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	525654	221.829	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	224702	18.529	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	379975	17.796	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.133	85	466750	20.055	ug/L	100
3) Chloromethane	1.243	50	516176	19.047	ug/L	99
5) Vinyl chloride	1.314	62	549751	20.323	ug/L	99
6) Bromomethane	1.526	94	300738	20.418	ug/L	100
8) Chloroethane	1.587	64	347739	19.978	ug/L	98
9) Trichlorofluoromethane	1.754	101	797185	21.655	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	402705	20.282	ug/L	98
12) 1,1-Dichloroethene	2.121	96	389640	20.450	ug/L	86
13) Acetone	2.188	43	390421	200.046	ug/L	94
14) Carbon disulfide	2.297	76	1063323	21.584	ug/L	100
15) Methyl Acetate	2.439	43	96741	20.707	ug/L	90
16) Methylene chloride	2.510	84	328904	17.797	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	657856	22.711	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	350821	20.902	ug/L	96
19) 1,1-Dichloroethane	3.191	63	627291	20.955	ug/L	98
21) 2-Butanone	3.973	43	637873	244.265	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	376871	21.935	ug/L	88
23) Bromochloromethane	4.249	128	147149	20.944	ug/L	90
25) Chloroform	4.375	83	641328	20.522	ug/L	97
27) 1,2-Dichloroethane	5.130	62	353215	20.850	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	578486	21.003	ug/L	99
30) Cyclohexane	4.680	56	598616	24.030	ug/L	94
31) Carbon tetrachloride	4.828	117	495451	21.070	ug/L	100
33) Benzene	5.098	78	1476027	21.657	ug/L	100
34) Trichloroethene	5.911	95	380729	21.231	ug/L	98
35) Methylcyclohexane	6.130	83	663114	23.998	ug/L	96
37) 1,2-Dichloropropane	6.172	63	350419	21.161	ug/L	99
38) Bromodichloromethane	6.506	83	431246	21.007	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	503632	24.825	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	1654821	240.544	ug/L	96
42) Toluene	7.387	91	1645904	22.740	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	404868	25.025	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	222994	21.105	ug/L	99
47) Tetrachloroethene	7.976	164	294176	19.219	ug/L	98
48) 2-Hexanone	8.136	43	1194682	246.243	ug/L	95
49) Dibromochloromethane	8.246	129	265201	22.748	ug/L	98
50) 1,2-Dibromoethane	8.352	107	206679	22.174	ug/L	100
51) Chlorobenzene	8.879	112	1009162	21.917	ug/L	97
52) Ethylbenzene	9.011	91	1835169	24.473	ug/L	98
53) m,p-Xylene	9.136	106	718859	24.400	ug/L	97
54) o-Xylene	9.541	106	696466	24.924	ug/L	99
55) Styrene	9.558	104	1184230	25.657	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	240949	21.419	ug/L	100
59) Bromoform	9.728	173	123665	21.604	ug/L	95
60) Isopropylbenzene	9.931	105	1895384	23.133	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	187299	19.225	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	870481	24.723	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1604607	24.935	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	809113	21.462	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	803790	20.882	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	714453	21.225	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	37815	20.805	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	614258	21.707	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	475276	22.497	ug/L	99
71) Naphthalene	13.500	128	747542	24.923	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	389673	22.634	ug/L	97

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

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