

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027436.D
 Acq On : 19 Aug 2022 10:38
 Operator : SY/MD
 Sample : VSTD00515
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005215

Quant Time: Aug 20 05:22:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149961	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146408	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52447	4.223	ug/L	0.00
7) Chloroethane-d5	1.564	69	38965	4.279	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	123170	5.173	ug/L	0.00
20) 2-Butanone-d5	3.896	46	63914	31.576	ug/L	0.00
24) Chloroform-d	4.346	84	103918	4.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	46488	4.257	ug/L	0.00
32) Benzene-d6	5.047	84	204046	4.801	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	57222	4.410	ug/L	0.00
41) Toluene-d8	7.313	98	196050	5.048	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	20114	4.467	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	66047	39.252	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36192	3.950	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	55674	4.234	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	81544	4.675	ug/L	100
3) Chloromethane	1.240	50	67833	3.978	ug/L	100
5) Vinyl chloride	1.310	62	69409	4.298	ug/L	100
6) Bromomethane	1.519	94	34426	4.532	ug/L	100
8) Chloroethane	1.584	64	40307	4.457	ug/L	100
9) Trichlorofluoromethane	1.751	101	113352	5.108	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	65437	5.983	ug/L	100
12) 1,1-Dichloroethene	2.117	96	57342	5.244	ug/L	100
13) Acetone	2.182	43	54726	35.618	ug/L	100
14) Carbon disulfide	2.291	76	156169	3.807	ug/L	100
15) Methyl Acetate	2.436	43	21918	5.334	ug/L	100
16) Methylene chloride	2.503	84	66689	3.917	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	121152	4.817	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	59283	4.523	ug/L	100
19) 1,1-Dichloroethane	3.185	63	126996	4.978	ug/L	100
21) 2-Butanone	3.979	43	79118	36.845	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	61350	4.733	ug/L	100
23) Bromochloromethane	4.246	128	28366	4.720	ug/L	100
25) Chloroform	4.371	83	136343	5.148	ug/L	100
27) 1,2-Dichloroethane	5.130	62	72031	4.794	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	117185	5.528	ug/L	100
30) Cyclohexane	4.674	56	87635	5.213	ug/L	100
31) Carbon tetrachloride	4.825	117	101485	5.511	ug/L	100
33) Benzene	5.095	78	260451	5.164	ug/L	100
34) Trichloroethene	5.912	95	65309	5.173	ug/L	100
35) Methylcyclohexane	6.127	83	88464	5.153	ug/L	100
37) 1,2-Dichloropropane	6.169	63	67272	5.387	ug/L	100
38) Bromodichloromethane	6.506	83	85923	5.286	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	82369	5.334	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	316218	49.993	ug/L	100
42) Toluene	7.384	91	277273	5.500	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	69397	5.215	ug/L	100

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

45) 1,1,2-Trichloroethane	7.838	97	43749	4.981	ug/L	100
47) Tetrachloroethene	7.973	164	52249	5.270	ug/L	100
48) 2-Hexanone	8.140	43	230969	50.819	ug/L	100
49) Dibromochloromethane	8.243	129	53920	5.172	ug/L	100
50) 1,2-Dibromoethane	8.352	107	38600	4.952	ug/L	100
51) Chlorobenzene	8.879	112	171266	5.211	ug/L	100
52) Ethylbenzene	9.011	91	264441	5.240	ug/L	100
53) m,p-Xylene	9.136	106	104291	5.410	ug/L	100
54) o-Xylene	9.542	106	101018	5.344	ug/L	100
55) Styrene	9.558	104	175795	5.443	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	50112	5.101	ug/L	100
59) Bromoform	9.731	173	26324	4.939	ug/L	100
60) Isopropylbenzene	9.931	105	269459	5.370	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	36374	4.807	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	69865	5.044	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	200266	5.058	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	135536	5.379	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	131253	5.228	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	119969	5.178	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7027	4.488	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	95785	5.267	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	67978	5.017	ug/L	100
71) Naphthalene	13.500	128	89289	4.363	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61231	4.906	ug/L	100

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

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