

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
 Data File : VV026173.D
 Acq On : 12 Jun 2022 19:08
 Operator : SY/MD
 Sample : VSTD02065
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020265

Quant Time: Jun 13 02:30:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:27:31 2022
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.622	114	242174	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.854	117	229409	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	118300	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.320	65	472502	14.920 ug/L	0.00
7) Chloroethane-d5	1.581	69	362800	14.544 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	812077	15.947 ug/L	0.00
20) 2-Butanone-d5	3.902	46	443170	187.833 ug/L	-0.01
24) Chloroform-d	4.359	84	692995	15.430 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	277551	15.328 ug/L	0.00
32) Benzene-d6	5.056	84	1462345	16.351 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	403801	15.657 ug/L	0.00
41) Toluene-d8	7.317	98	1360495	17.084 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	143599	18.448 ug/L	0.00
46) 2-Hexanone-d5	8.088	63	555337	229.122 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	256455	16.690 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	428845	16.172 ug/L	0.00
Target Compounds					
					Qvalue
2) Dichlorodifluoromethane	1.143	85	452127	20.310 ug/L	98
3) Chloromethane	1.256	50	459629	19.023 ug/L	99
5) Vinyl chloride	1.323	62	506730	20.026 ug/L	99
6) Bromomethane	1.536	94	281918	19.065 ug/L	96
8) Chloroethane	1.600	64	311066	19.706 ug/L	100
9) Trichlorofluoromethane	1.767	101	686836	20.154 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	393430	20.315 ug/L	99
12) 1,1-Dichloroethene	2.130	96	369653	19.962 ug/L	86
13) Acetone	2.198	43	281957	209.012 ug/L	87
14) Carbon disulfide	2.307	76	969231	20.611 ug/L	100
15) Methyl Acetate	2.452	43	78076	19.829 ug/L	93
16) Methylene chloride	2.519	84	351015	18.391 ug/L	99
17) Methyl tert-butyl Ether	2.783	73	686859	22.812 ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	365531	20.588 ug/L	99
19) 1,1-Dichloroethane	3.201	63	683927	20.073 ug/L	99
21) 2-Butanone	3.986	43	429268	229.231 ug/L	87
22) cis-1,2-Dichloroethene	3.921	96	398945	22.336 ug/L	100
23) Bromochloromethane	4.259	128	152440	20.440 ug/L	96
25) Chloroform	4.384	83	711404	19.978 ug/L	100
27) 1,2-Dichloroethane	5.137	62	349975	21.146 ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	621288	20.654 ug/L	98
30) Cyclohexane	4.687	56	574619	24.943 ug/L	98
31) Carbon tetrachloride	4.838	117	520730	21.420 ug/L	100
33) Benzene	5.105	78	1533134	22.098 ug/L	100
34) Trichloroethene	5.918	95	392415	20.941 ug/L	99
35) Methylcyclohexane	6.137	83	637804	25.176 ug/L	97
37) 1,2-Dichloropropane	6.175	63	376830	20.965 ug/L	99
38) Bromodichloromethane	6.513	83	463320	21.643 ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	512001	25.533 ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1653402	257.061 ug/L	90
42) Toluene	7.387	91	1701197	23.159 ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	409070	25.935 ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	241952	21.386	ug/L	99
47) Tetrachloroethene	7.976	164	295178	21.936	ug/L	99
48) 2-Hexanone	8.140	43	1139336	251.117	ug/L	95
49) Dibromochloromethane	8.246	129	282454	22.873	ug/L	94
50) 1,2-Dibromoethane	8.352	107	213209	22.031	ug/L	99
51) Chlorobenzene	8.879	112	1050455	22.240	ug/L	99
52) Ethylbenzene	9.011	91	1851906	25.408	ug/L	99
53) m,p-Xylene	9.137	106	725746	26.012	ug/L	97
54) o-Xylene	9.542	106	705457	26.154	ug/L	98
55) Styrene	9.558	104	1200089	26.985	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	266015	23.196	ug/L	98
59) Bromoform	9.731	173	132479	23.317	ug/L	99
60) Isopropylbenzene	9.931	105	1911515	24.708	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	186810	20.587	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1609931	26.390	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	1602963	26.698	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	829135	22.478	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	816622	22.317	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	726445	21.967	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	36470	22.899	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	603238	23.269	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	464010	24.863	ug/L	99
71) Naphthalene	13.500	128	715877	27.442	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	391331	25.398	ug/L	97

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

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