

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024431.D
 Acq On : 26 Jan 2022 11:29
 Operator : SY/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020201

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 26 11:48:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 11:21:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	189709	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	195676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	324274	28.090	ug/L	0.00
7) Chloroethane-d5	1.571	69	280157	28.553	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	632769	28.147	ug/L	0.00
20) 2-Butanone-d5	3.905	46	616667m	272.026	ug/L	-0.02
24) Chloroform-d	4.349	84	628137	25.065	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	287422	24.596	ug/L	0.00
32) Benzene-d6	5.050	84	1218945	28.247	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	372759	28.305	ug/L	0.00
41) Toluene-d8	7.313	98	1163770	29.593	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	139186	26.811	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	551392	252.129	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	236925	23.708	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	422266	24.368	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	407905	23.521	ug/L	100
3) Chloromethane	1.243	50	359746	23.513	ug/L	97
5) Vinyl chloride	1.314	62	372577	22.766	ug/L	99
6) Bromomethane	1.523	94	228476	22.169	ug/L	98
8) Chloroethane	1.587	64	216501	20.826	ug/L	97
9) Trichlorofluoromethane	1.754	101	531144	19.821	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	295851	20.929	ug/L	95
12) 1,1-Dichloroethene	2.121	96	273500	20.860	ug/L	84
13) Acetone	2.204	43	291721	182.018	ug/L	93
14) Carbon disulfide	2.298	76	845555	21.926	ug/L	99
15) Methyl Acetate	2.442	43	76476m	18.602	ug/L	
16) Methylene chloride	2.510	84	262054	15.861	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	523734	18.446	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	269657	19.177	ug/L	90
19) 1,1-Dichloroethane	3.191	63	489793	19.244	ug/L	98
21) 2-Butanone	3.989	43	543539m	225.113	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	276209	18.804	ug/L	90
23) Bromochloromethane	4.249	128	117235	17.613	ug/L	90
25) Chloroform	4.375	83	501777	17.875	ug/L	100
27) 1,2-Dichloroethane	5.130	62	271164	18.022	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	458005	18.282	ug/L	99
30) Cyclohexane	4.680	56	473213	23.146	ug/L	92
31) Carbon tetrachloride	4.828	117	409462	17.452	ug/L	99
33) Benzene	5.098	78	1077628	19.603	ug/L	100
34) Trichloroethene	5.912	95	293682	18.858	ug/L	94
35) Methylcyclohexane	6.130	83	483549	21.441	ug/L	97
37) 1,2-Dichloropropane	6.172	63	267532	20.173	ug/L	# 96
38) Bromodichloromethane	6.510	83	345744	18.793	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	396495	20.559	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	1337971	213.838	ug/L	97
42) Toluene	7.387	91	1179989	19.232	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	327100	19.750	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	175039	18.481	ug/L	97
47) Tetrachloroethene	7.976	164	239766	18.046	ug/L	99
48) 2-Hexanone	8.140	43	984973	217.949	ug/L	97
49) Dibromochloromethane	8.246	129	221359	17.299	ug/L	98
50) 1,2-Dibromoethane	8.352	107	164946	18.532	ug/L	92
51) Chlorobenzene	8.879	112	721856	17.826	ug/L	94
52) Ethylbenzene	9.011	91	1286837	20.070	ug/L	98
53) m,p-xylene	9.136	106	488805	19.483	ug/L	93
54) o-xylene	9.542	106	466174	19.155	ug/L	94
55) Styrene	9.558	104	800613	19.827	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	184174	17.959	ug/L	99
59) Bromoform	9.731	173	124291	16.776	ug/L #	97
60) Isopropylbenzene	9.931	105	1288683	18.700	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	143828	17.679	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	1094605	19.237	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	1124986	19.699	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	613998	17.444	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	612679	17.316	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	549682	17.077	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	28784	16.860	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	519748	17.825	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	406298	17.875	ug/L	98
71) Naphthalene	13.500	128	564768	17.585	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	347585	17.449	ug/L	99

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

