

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081922\
 Data File : VW027438.D
 Acq On : 19 Aug 2022 11:25
 Operator : SY/MD
 Sample : VSTD02017
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020217

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 20 05:23:30 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	157102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	151232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	223639	17.189	ug/L	0.00
7) Chloroethane-d5	1.564	69	150731	15.802	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	503922	20.203	ug/L	0.00
20) 2-Butanone-d5	3.883	46	330903m	156.048	ug/L	-0.01
24) Chloroform-d	4.346	84	447435	18.410	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	192230	16.805	ug/L	0.00
32) Benzene-d6	5.047	84	881800	20.085	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	248719	18.557	ug/L	0.00
41) Toluene-d8	7.313	98	832035	20.741	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	90664	19.492	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	343320	197.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	148924	15.735	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	249878	17.663	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	347205	19.000	ug/L	99
3) Chloromethane	1.240	50	295495	16.541	ug/L	100
5) Vinyl chloride	1.310	62	297842	17.605	ug/L	100
6) Bromomethane	1.519	94	146096	18.360	ug/L	98
8) Chloroethane	1.584	64	164027	17.312	ug/L	97
9) Trichlorofluoromethane	1.751	101	464836	19.993	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	268248	23.412	ug/L	98
12) 1,1-Dichloroethene	2.114	96	238662	20.833	ug/L	90
13) Acetone	2.175	43	317973	197.542	ug/L	86
14) Carbon disulfide	2.291	76	674275	15.689	ug/L	99
15) Methyl Acetate	2.432	43	64467	14.975	ug/L #	83
16) Methylene chloride	2.503	84	264573	14.834	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	545797	20.716	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	258096	18.797	ug/L	97
19) 1,1-Dichloroethane	3.185	63	515280	19.279	ug/L	100
21) 2-Butanone	3.966	43	465749	207.036	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	296602	21.841	ug/L	99
23) Bromochloromethane	4.243	128	124630	19.794	ug/L	91
25) Chloroform	4.371	83	549546	19.808	ug/L	95
27) 1,2-Dichloroethane	5.127	62	305814	19.427	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	490575	22.406	ug/L	100
30) Cyclohexane	4.677	56	445107	25.634	ug/L	99
31) Carbon tetrachloride	4.825	117	431667	22.694	ug/L	100
33) Benzene	5.095	78	1141333	21.908	ug/L	100
34) Trichloroethene	5.911	95	288048	22.086	ug/L	98
35) Methylcyclohexane	6.130	83	464678	26.205	ug/L	95
37) 1,2-Dichloropropane	6.172	63	289933	22.479	ug/L	99
38) Bromodichloromethane	6.506	83	367630	21.897	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	398543	24.984	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1474648	225.702	ug/L	97
42) Toluene	7.384	91	1213473	23.302	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	325413	23.672	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	183492	20.225	ug/L	96
47) Tetrachloroethene	7.972	164	224721	21.944	ug/L	97
48) 2-Hexanone	8.136	43	1028201	219.015	ug/L	96
49) Dibromochloromethane	8.246	129	230919	21.445	ug/L	97
50) 1,2-Dibromoethane	8.349	107	165742	20.587	ug/L	96
51) Chlorobenzene	8.879	112	751956	22.150	ug/L	99
52) Ethylbenzene	9.011	91	1322572	25.372	ug/L	100
53) m,p-Xylene	9.136	106	515618	25.892	ug/L	99
54) o-Xylene	9.542	106	488276	25.005	ug/L	98
55) Styrene	9.558	104	845793	25.351	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	206195	20.321	ug/L	98
59) Bromoform	9.731	173	117333	20.462	ug/L	99
60) Isopropylbenzene	9.931	105	1333352	24.700	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	147567	18.127	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	372464	24.997	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1133765	26.617	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	605170	22.327	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	596923	22.102	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	543375	21.801	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	33640	19.972	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	466119	23.825	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	364384	24.997	ug/L	99
71) Naphthalene	13.500	128	550987	25.027	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	327744	24.411	ug/L	99

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

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