

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026714.D
 Acq On : 11 Jul 2022 21:09
 Operator : SY/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020205

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 05:25:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:17:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	261817	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	260881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	148241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	450435	20.043	ug/L	0.00
7) Chloroethane-d5	1.561	69	383238	19.176	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	881113	20.127	ug/L	0.00
20) 2-Butanone-d5	3.902	46	869464	242.746	ug/L	-0.02
24) Chloroform-d	4.339	84	802308	20.163	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	356845	20.445	ug/L	0.00
32) Benzene-d6	5.043	84	1607035	21.299	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	472766	20.794	ug/L	0.00
41) Toluene-d8	7.310	98	1506470	22.392	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	163114	22.171	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	843380	260.252	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	363410	20.624	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	510658	20.595	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	639510	21.418	ug/L	100
3) Chloromethane	1.236	50	603809	19.511	ug/L	100
5) Vinyl chloride	1.304	62	634816	20.964	ug/L	99
6) Bromomethane	1.516	94	376407	20.940	ug/L	97
8) Chloroethane	1.577	64	372917	20.519	ug/L	96
9) Trichlorofluoromethane	1.744	101	802104	20.275	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	459026	20.448	ug/L	98
12) 1,1-Dichloroethene	2.111	96	450910	20.607	ug/L	98
13) Acetone	2.204	43	539032	170.749	ug/L #	39
14) Carbon disulfide	2.281	76	1379474	22.202	ug/L	99
15) Methyl Acetate	2.439	43	128116m	20.720	ug/L	
16) Methylene chloride	2.497	84	435419	16.114	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	872251	22.721	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	434306	21.230	ug/L	98
19) 1,1-Dichloroethane	3.182	63	764514	20.425	ug/L	99
21) 2-Butanone	3.986	43	833148	233.549	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	455211	22.604	ug/L	98
23) Bromochloromethane	4.240	128	193155	20.430	ug/L	98
25) Chloroform	4.368	83	800426	20.271	ug/L	99
27) 1,2-Dichloroethane	5.124	62	447022	21.026	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	705204	20.643	ug/L	100
30) Cyclohexane	4.670	56	694054	24.573	ug/L	99
31) Carbon tetrachloride	4.822	117	613804	20.346	ug/L	98
33) Benzene	5.092	78	1800486	21.713	ug/L	100
34) Trichloroethene	5.908	95	436514	21.316	ug/L	98
35) Methylcyclohexane	6.127	83	770253	24.211	ug/L	98
37) 1,2-Dichloropropane	6.169	63	435577	21.254	ug/L	98
38) Bromodichloromethane	6.506	83	552667	20.599	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	599961	24.120	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	2193502	235.429	ug/L	99
42) Toluene	7.384	91	1947053	22.961	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	496611	24.100	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	300281	20.167	ug/L	98
47) Tetrachloroethene	7.973	164	345370	21.465	ug/L	100
48) 2-Hexanone	8.140	43	1572455	231.637	ug/L	98
49) Dibromochloromethane	8.243	129	363677	21.462	ug/L	97
50) 1,2-Dibromoethane	8.349	107	279254	21.129	ug/L	95
51) Chlorobenzene	8.879	112	1184648	21.789	ug/L	99
52) Ethylbenzene	9.008	91	2081691	24.313	ug/L	100
53) m,p-Xylene	9.136	106	822770	24.816	ug/L	98
54) o-Xylene	9.542	106	788826	25.489	ug/L	98
55) Styrene	9.558	104	1395590	25.385	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	362883	20.433	ug/L	97
59) Bromoform	9.728	173	181790	19.469	ug/L	97
60) Isopropylbenzene	9.931	105	2104251	23.397	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	249119	18.711	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	1770274	24.670	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1811927	24.914	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	941795	21.417	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	944149	21.321	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	868672	21.011	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	54113	19.132	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	675013	21.691	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	543150	22.813	ug/L	99
71) Naphthalene	13.500	128	974379	24.688	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	499504	22.701	ug/L	98

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

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