

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071323\
 Data File : VW031693.D
 Acq On : 13 Jul 2023 13:31
 Operator : SY/MD
 Sample : VSTD00161
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001261

Quant Time: Jul 14 05:40:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 05:39:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Mahesh Dadoda 07/14/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	163531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	177539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	82588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	16253	1.122	ug/L	0.00
7) Chloroethane-d5	1.532	69	16176	1.232	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	8720	1.173	ug/L	0.00
20) 2-Butanone-d5	3.854	46	34663m	9.369	ug/L	0.04
24) Chloroform-d	4.259	84	33921	1.100	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	17145	1.088	ug/L	0.00
32) Benzene-d6	4.969	84	49112	0.969	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	19215	1.023	ug/L	0.00
41) Toluene-d8	7.252	98	40751	0.875	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	5614	0.946	ug/L	0.00
46) 2-Hexanone-d5	8.040	63	20315	7.373	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	14142	1.026	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	14606	1.015	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	19614	1.104	ug/L	93
3) Chloromethane	1.217	50	19478	1.058	ug/L	97
5) Vinyl chloride	1.281	62	19700	1.120	ug/L	99
6) Bromomethane	1.487	94	12500	1.163	ug/L	76
8) Chloroethane	1.548	64	12784	1.253	ug/L	94
9) Trichlorofluoromethane	1.712	101	27740	1.093	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	15278	1.095	ug/L	98
12) 1,1-Dichloroethene	2.069	96	15033	1.178	ug/L	92
13) Acetone	2.150	43	25332m	10.915	ug/L	
14) Carbon disulfide	2.240	76	43420	1.096	ug/L	98
15) Methyl Acetate	2.397	43	5124	1.018	ug/L	94
16) Methylene chloride	2.449	84	18667	1.101	ug/L	85
17) Methyl tert-butyl Ether	2.712	73	22789	0.972	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	12230	1.109	ug/L	97
19) 1,1-Dichloroethane	3.114	63	24707	1.024	ug/L	91
21) 2-Butanone	3.934	43	28842m	9.413	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	10440	0.957	ug/L	93
23) Bromochloromethane	4.162	128	6188	1.127	ug/L	96
25) Chloroform	4.285	83	22679m	0.956	ug/L	
27) 1,2-Dichloroethane	5.056	62	15522	1.040	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	21953	1.024	ug/L	94
30) Cyclohexane	4.587	56	13924	0.893	ug/L #	89
31) Carbon tetrachloride	4.741	117	19659	1.039	ug/L	97
33) Benzene	5.018	78	41264	0.915	ug/L	100
34) Trichloroethene	5.841	95	13573	1.061	ug/L	92
35) Methylcyclohexane	6.059	83	13314	0.832	ug/L	93
37) 1,2-Dichloropropane	6.101	63	12683	0.980	ug/L #	95
38) Bromodichloromethane	6.442	83	17403	1.013	ug/L #	91
39) cis-1,3-Dichloropropene	6.966	75	14294	0.917	ug/L	94
40) 4-Methyl-2-pentanone	7.172	43	54290	7.846	ug/L	99
42) Toluene	7.326	91	36381	0.844	ug/L	93
44) trans-1,3-Dichloropropene	7.596	75	13508	0.961	ug/L	91

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

45) 1,1,2-Trichloroethane	7.780	97	9847	1.024	ug/L	96
47) Tetrachloroethene	7.915	164	8451	0.957	ug/L	93
48) 2-Hexanone	8.091	43	38881	7.485	ug/L #	96
49) Dibromochloromethane	8.185	129	11191	1.083	ug/L	99
50) 1,2-Dibromoethane	8.294	107	9084	1.010	ug/L	92
51) Chlorobenzene	8.821	112	28408	0.989	ug/L	92
52) Ethylbenzene	8.953	91	35263	0.817	ug/L	98
53) m,p-Xylene	9.082	106	12113	0.759	ug/L	100
54) o-Xylene	9.487	106	12882	0.870	ug/L	84
55) Styrene	9.506	104	20297	0.727	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.185	83	10747	1.056	ug/L #	89
59) Bromoform	9.673	173	5972	1.083	ug/L	98
60) Isopropylbenzene	9.873	105	33300	0.910	ug/L	97
61) 1,2,3-Trichloropropane	10.220	75	8286	1.129	ug/L	95
62) 1,3,5-Trimethylbenzene	10.484	105	26460	0.896	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	26096	0.886	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	19498	0.989	ug/L	94
65) 1,4-Dichlorobenzene	11.220	146	21087	1.010	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	17977	0.951	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.377	75	1867	1.238	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.590	180	14810	1.027	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	11671	1.021	ug/L	97
71) Naphthalene	13.448	128	17291	0.938	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	10519	0.997	ug/L	97

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

