

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031316.D
 Acq On : 01 Jun 2023 14:24
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 02:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125331	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	129990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	60999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	12900	1.175	ug/L	0.00
7) Chloroethane-d5	1.532	69	10643	0.951	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	6062	1.083	ug/L	0.00
20) 2-Butanone-d5	3.876	46	23380m	6.800	ug/L	0.04
24) Chloroform-d	4.262	84	19663	0.805	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	11226	0.865	ug/L	0.00
32) Benzene-d6	4.969	84	34618	0.768	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	12127	0.768	ug/L	0.00
41) Toluene-d8	7.252	98	30735	0.756	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	4336	0.815	ug/L	0.00
46) 2-Hexanone-d5	8.046	63	13465m	5.515	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	8819	0.724	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	11049	0.902	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	19256	0.979	ug/L	98
3) Chloromethane	1.217	50	17541	0.935	ug/L	99
5) Vinyl chloride	1.281	62	18020	0.957	ug/L	87
6) Bromomethane	1.487	94	10772	1.024	ug/L	98
8) Chloroethane	1.548	64	11607	0.983	ug/L	95
9) Trichlorofluoromethane	1.709	101	27585	0.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	15037	0.953	ug/L	97
12) 1,1-Dichloroethene	2.066	96	12418	0.932	ug/L	89
13) Acetone	2.214	43	40045m	12.946	ug/L	
14) Carbon disulfide	2.236	76	36010	0.900	ug/L	97
15) Methyl Acetate	2.400	43	6491m	1.160	ug/L	
16) Methylene chloride	2.449	84	20321	1.129	ug/L	91
17) Methyl tert-butyl Ether	2.719	73	26767	0.927	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	12432	0.987	ug/L	97
19) 1,1-Dichloroethane	3.114	63	26272	0.942	ug/L	100
21) 2-Butanone	3.941	43	39049m	9.928	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	11013	0.839	ug/L	100
23) Bromochloromethane	4.153	128	5306m	0.898	ug/L	
25) Chloroform	4.285	83	29185	0.996	ug/L	99
27) 1,2-Dichloroethane	5.059	62	15863	0.979	ug/L #	75
29) 1,1,1-Trichloroethane	4.519	97	23554	0.938	ug/L	99
30) Cyclohexane	4.584	56	18347	0.786	ug/L	99
31) Carbon tetrachloride	4.741	117	20764	0.925	ug/L	99
33) Benzene	5.018	78	43229	0.792	ug/L	100
34) Trichloroethene	5.841	95	12841	0.858	ug/L	93
35) Methylcyclohexane	6.053	83	17106	0.773	ug/L	98
37) 1,2-Dichloropropane	6.104	63	13709	0.935	ug/L #	92
38) Bromodichloromethane	6.445	83	18350	0.925	ug/L	98
39) cis-1,3-Dichloropropene	6.966	75	16206	0.811	ug/L	97
40) 4-Methyl-2-pentanone	7.175	43	68514	7.789	ug/L	96
42) Toluene	7.323	91	45955	0.807	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	14422	0.869	ug/L	97

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

45) 1,1,2-Trichloroethane	7.780	97	9329	0.908	ug/L	98
47) Tetrachloroethene	7.911	164	9793	0.859	ug/L	96
48) 2-Hexanone	8.091	43	55164m	8.264	ug/L	
49) Dibromochloromethane	8.188	129	10264	0.883	ug/L	98
50) 1,2-Dibromoethane	8.291	107	8633	0.876	ug/L #	88
51) Chlorobenzene	8.821	112	30892	0.883	ug/L	99
52) Ethylbenzene	8.953	91	46376	0.776	ug/L	95
53) m,p-Xylene	9.082	106	15782	0.734	ug/L	99
54) o-Xylene	9.487	106	15344	0.759	ug/L	100
55) Styrene	9.506	104	24256	0.679	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	11364	0.928	ug/L	96
59) Bromoform	9.677	173	5110	0.907	ug/L	97
60) Isopropylbenzene	9.876	105	42017	0.841	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	7814	0.996	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	31681	0.780	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	32252	0.775	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	21160	0.876	ug/L	97
65) 1,4-Dichlorobenzene	11.220	146	22625	0.929	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	20433	0.915	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	1930	1.074	ug/L	89
69) 1,3,5-Trichlorobenzene	12.590	180	15088	0.847	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	11218	0.850	ug/L	98
71) Naphthalene	13.451	128	14650	0.791	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	9672	0.793	ug/L	98

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

