

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031321.D
 Acq On : 01 Jun 2023 16:26
 Operator : SY/MD
 Sample : VSTD0.558
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258

Manual Integrations
 APPROVED

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

Quant Time: Jun 02 02:06:32 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	134613	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	134335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	6135	0.520	ug/L	0.00
7) Chloroethane-d5	1.535	69	5140	0.428	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	3105	0.516	ug/L	0.00
20) 2-Butanone-d5	3.850	46	14070m	3.810	ug/L	0.02
24) Chloroform-d	4.262	84	10436	0.398	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	5362	0.385	ug/L	0.00
32) Benzene-d6	4.976	84	17781	0.382	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.005	67	6061	0.372	ug/L	0.00
41) Toluene-d8	7.255	98	14747	0.351	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1859	0.338	ug/L	0.00
46) 2-Hexanone-d5	8.050	63	6224	2.467	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.162	84	4573	0.363	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	6333	0.493	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	8543	0.404	ug/L	100
3) Chloromethane	1.214	50	9570	0.475	ug/L	99
5) Vinyl chloride	1.285	62	8604	0.425	ug/L	98
6) Bromomethane	1.490	94	5083	0.450	ug/L	91
8) Chloroethane	1.552	64	5623	0.444	ug/L	93
9) Trichlorofluoromethane	1.716	101	12719	0.420	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	7014	0.414	ug/L	97
12) 1,1-Dichloroethene	2.072	96	6412	0.448	ug/L	95
13) Acetone	2.137	43	20572	6.192	ug/L	85
14) Carbon disulfide	2.246	76	17646	0.411	ug/L	97
15) Methyl Acetate	2.397	43	3420	0.569	ug/L #	84
16) Methylene chloride	2.455	84	7135	0.369	ug/L	89
17) Methyl tert-butyl Ether	2.712	73	13450	0.434	ug/L	96
18) trans-1,2-Dichloroethene	2.703	96	5769	0.426	ug/L	93
19) 1,1-Dichloroethane	3.121	63	13346	0.445	ug/L	96
21) 2-Butanone	3.921	43	33083m	7.831	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	6007	0.426	ug/L	96
23) Bromochloromethane	4.162	128	2916	0.460	ug/L	92
27) 1,2-Dichloroethane	5.066	62	7832	0.450	ug/L #	91
29) 1,1,1-Trichloroethane	4.522	97	11582	0.446	ug/L	97
30) Cyclohexane	4.593	56	8995	0.373	ug/L	91
31) Carbon tetrachloride	4.748	117	10598	0.457	ug/L	93
33) Benzene	5.024	78	23778	0.421	ug/L	100
34) Trichloroethene	5.847	95	6692	0.432	ug/L	93
35) Methylcyclohexane	6.059	83	8978	0.393	ug/L	94
37) 1,2-Dichloropropane	6.108	63	7349	0.485	ug/L #	95
38) Bromodichloromethane	6.448	83	9048	0.441	ug/L #	94
39) cis-1,3-Dichloropropene	6.973	75	8432	0.408	ug/L #	83
40) 4-Methyl-2-pentanone	7.175	43	33082	3.639	ug/L	91
42) Toluene	7.326	91	22844	0.388	ug/L	96
44) trans-1,3-Dichloropropene	7.596	75	7074	0.413	ug/L	99
45) 1,1,2-Trichloroethane	7.783	97	4913	0.463	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.915	164	5304	0.450	ug/L	91
48) 2-Hexanone	8.095	43	27771m	4.026	ug/L	
49) Dibromochloromethane	8.188	129	5232	0.435	ug/L	95
50) 1,2-Dibromoethane	8.291	107	4193	0.412	ug/L #	89
51) Chlorobenzene	8.825	112	15723	0.435	ug/L	87
52) Ethylbenzene	8.956	91	22376	0.362	ug/L	99
53) m,p-Xylene	9.082	106	8036	0.362	ug/L	98
54) o-Xylene	9.487	106	7185	0.344	ug/L	90
55) Styrene	9.506	104	13020	0.352	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	5421	0.428	ug/L #	89
59) Bromoform	9.677	173	2615	0.442	ug/L #	96
60) Isopropylbenzene	9.876	105	20461	0.390	ug/L	97
61) 1,2,3-Trichloropropane	10.223	75	4542	0.552	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	17174	0.403	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	17113	0.392	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	11217	0.443	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	12640	0.495	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	11505	0.491	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.377	75	978	0.519	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	8960	0.479	ug/L	94
70) 1,2,4-trichlorobenzene	13.210	180	7730	0.558	ug/L	98
71) Naphthalene	13.451	128	13863	0.714	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	6904	0.540	ug/L	96

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

