

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030911.D
 Acq On : 28 Apr 2023 10:50
 Operator : SY/MD
 Sample : VSTD0.533
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5233

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 00:37:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:37:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	135212	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	127669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	5262	0.472	ug/L	0.00
7) Chloroethane-d5	1.535	69	4157	0.457	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	3002	0.509	ug/L	0.00
20) 2-Butanone-d5	3.896	46	8567m	4.346	ug/L	0.05
24) Chloroform-d	4.265	84	10750	0.486	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	4965	0.441	ug/L	0.00
32) Benzene-d6	4.973	84	15654	0.418	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5406	0.497	ug/L	0.00
41) Toluene-d8	7.255	98	14571	0.409	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1666	0.408	ug/L	0.00
46) 2-Hexanone-d5	8.050	63	5263m	3.801	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.162	84	3562	0.452	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	5927	0.491	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	5537	0.518	ug/L	96
3) Chloromethane	1.217	50	7191	0.574	ug/L	96
5) Vinyl chloride	1.285	62	5086	0.485	ug/L	87
6) Bromomethane	1.490	94	3061	0.613	ug/L	98
8) Chloroethane	1.552	64	3542	0.555	ug/L	96
9) Trichlorofluoromethane	1.716	101	10142	0.524	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	4966	0.503	ug/L	93
12) 1,1-Dichloroethene	2.072	96	4757	0.523	ug/L	94
13) Acetone	2.159	43	11196m	6.634	ug/L	
14) Carbon disulfide	2.243	76	12368	0.519	ug/L	96
15) Methyl Acetate	2.413	43	1822m	0.532	ug/L	
16) Methylene chloride	2.452	84	7890	0.766	ug/L	91
17) Methyl tert-butyl Ether	2.719	73	8208	0.474	ug/L	94
18) trans-1,2-Dichloroethene	2.699	96	4211	0.507	ug/L	86
19) 1,1-Dichloroethane	3.121	63	7917	0.493	ug/L	97
21) 2-Butanone	3.957	43	9440m	5.068	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	4402	0.502	ug/L	85
23) Bromochloromethane	4.162	128	2085	0.505	ug/L	84
25) Chloroform	4.294	83	8325	0.483	ug/L	93
27) 1,2-Dichloroethane	5.063	62	5177	0.479	ug/L #	86
29) 1,1,1-Trichloroethane	4.519	97	8171	0.509	ug/L	95
30) Cyclohexane	4.584	56	5763	0.476	ug/L	98
31) Carbon tetrachloride	4.741	117	6795	0.472	ug/L	90
33) Benzene	5.024	78	14651	0.456	ug/L	100
34) Trichloroethene	5.847	95	3979	0.465	ug/L	93
35) Methylcyclohexane	6.056	83	5831	0.440	ug/L #	81
37) 1,2-Dichloropropane	6.104	63	3837	0.504	ug/L #	96
38) Bromodichloromethane	6.445	83	5451	0.489	ug/L #	83
39) cis-1,3-Dichloropropene	6.969	75	5144	0.451	ug/L	95
40) 4-Methyl-2-pentanone	7.182	43	15062	3.816	ug/L	95
42) Toluene	7.329	91	14728	0.426	ug/L	98
44) trans-1,3-Dichloropropene	7.600	75	4272	0.439	ug/L	89

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45) 1,1,2-Trichloroethane	7.783	97	2843	0.503	ug/L	90
47) Tetrachloroethene	7.915	164	4144	0.507	ug/L	94
48) 2-Hexanone	8.101	43	11769m	4.096	ug/L	
49) Dibromochloromethane	8.181	129	3445	0.485	ug/L	100
50) 1,2-Dibromoethane	8.297	107	2226	0.442	ug/L #	92
51) Chlorobenzene	8.821	112	11457	0.489	ug/L	98
52) Ethylbenzene	8.956	91	16110	0.427	ug/L	94
53) m,p-Xylene	9.082	106	6362	0.423	ug/L	97
54) o-Xylene	9.487	106	6546	0.457	ug/L	92
55) Styrene	9.509	104	9926	0.411	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.188	83	2962	0.469	ug/L #	92
59) Bromoform	9.677	173	1911	0.502	ug/L #	90
60) Isopropylbenzene	9.876	105	16964	0.486	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	2200	0.541	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.487	105	13644	0.480	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	13478	0.468	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	9269	0.517	ug/L	94
65) 1,4-Dichlorobenzene	11.220	146	9438	0.522	ug/L	92
67) 1,2-Dichlorobenzene	11.586	146	8188	0.508	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.374	75	612	0.593	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.593	180	7306	0.515	ug/L	97
70) 1,2,4-trichlorobenzene	13.210	180	5648	0.518	ug/L	95
71) Naphthalene	13.455	128	9910	0.634	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	4814	0.521	ug/L	98

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

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