

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022323\
 Data File : VW030084.D
 Acq On : 23 Feb 2023 10:03
 Operator : SY/MD
 Sample : VSTD0.522
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5222

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

Quant Time: Feb 23 21:17:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:16:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	183442	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	171357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	91453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	5646	0.476	ug/L	0.00
7) Chloroethane-d5	1.536	69	5240	0.470	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	11261	0.461	ug/L	0.00
20) 2-Butanone-d5	3.896	46	9776m	4.541	ug/L	0.06
24) Chloroform-d	4.265	84	11073	0.457	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	4146	0.419	ug/L	0.00
32) Benzene-d6	4.973	84	20579	0.446	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.005	67	6340	0.457	ug/L	0.00
41) Toluene-d8	7.252	98	18562	0.425	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	1819	0.383	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	7427m	3.813	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.165	84	4585	0.465	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	7163	0.463	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	6863	0.460	ug/L	96
3) Chloromethane	1.217	50	13570	0.577	ug/L	99
5) Vinyl chloride	1.285	62	7064	0.452	ug/L	99
6) Bromomethane	1.491	94	1455	0.519	ug/L	89
8) Chloroethane	1.552	64	4231	0.444	ug/L	95
9) Trichlorofluoromethane	1.719	101	9999	0.446	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	6216	0.447	ug/L	98
12) 1,1-Dichloroethene	2.076	96	5697	0.463	ug/L	97
13) Acetone	2.169	43	9052m	5.636	ug/L	
14) Carbon disulfide	2.246	76	14965	0.454	ug/L	99
15) Methyl Acetate	2.397	43	2135m	0.563	ug/L	
16) Methylene chloride	2.455	84	9108	0.606	ug/L	99
17) Methyl tert-butyl Ether	2.716	73	10249	0.426	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	5298	0.452	ug/L	95
19) 1,1-Dichloroethane	3.121	63	9998	0.458	ug/L	95
21) 2-Butanone	3.950	43	9494m	4.364	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	5640	0.436	ug/L	95
23) Bromochloromethane	4.162	128	2244	0.406	ug/L	88
25) Chloroform	4.291	83	10438	0.460	ug/L	97
27) 1,2-Dichloroethane	5.060	62	5418	0.456	ug/L	94
29) 1,1,1-Trichloroethane	4.526	97	8781	0.436	ug/L	98
30) Cyclohexane	4.590	56	7386	0.425	ug/L	97
31) Carbon tetrachloride	4.744	117	7899	0.437	ug/L	99
33) Benzene	5.021	78	20771	0.444	ug/L	100
34) Trichloroethene	5.844	95	5954	0.454	ug/L	90
35) Methylcyclohexane	6.060	83	8271	0.417	ug/L	97
37) 1,2-Dichloropropane	6.105	63	5442	0.457	ug/L #	94
38) Bromodichloromethane	6.449	83	6612	0.435	ug/L	96
39) cis-1,3-Dichloropropene	6.969	75	7082	0.406	ug/L	87
40) 4-Methyl-2-pentanone	7.175	43	19889	4.048	ug/L	96
42) Toluene	7.326	91	20764	0.410	ug/L	100
44) trans-1,3-Dichloropropene	7.596	75	5423	0.399	ug/L	90

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

45) 1,1,2-Trichloroethane	7.780	97	3851	0.452	ug/L	94
47) Tetrachloroethene	7.915	164	4975	0.442	ug/L	96
48) 2-Hexanone	8.095	43	14016m	4.050	ug/L	
49) Dibromochloromethane	8.188	129	4315	0.433	ug/L	93
50) 1,2-Dibromoethane	8.294	107	3258	0.410	ug/L #	93
51) Chlorobenzene	8.825	112	15513	0.454	ug/L	95
52) Ethylbenzene	8.957	91	22787	0.413	ug/L	98
53) m,p-Xylene	9.082	106	8436	0.398	ug/L	99
54) o-Xylene	9.490	106	8099	0.400	ug/L	95
55) Styrene	9.506	104	12144	0.361	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	4198	0.441	ug/L	93
59) Bromoform	9.674	173	2484	0.453	ug/L #	95
60) Isopropylbenzene	9.876	105	21360	0.406	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	3008	0.491	ug/L	95
62) 1,3,5-Trimethylbenzene	10.484	105	17385	0.402	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	17196	0.389	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	12284	0.448	ug/L	94
65) 1,4-Dichlorobenzene	11.220	146	13164	0.476	ug/L	96
67) 1,2-Dichlorobenzene	11.590	146	10831	0.448	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	613	0.448	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.593	180	9686	0.430	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	8253	0.452	ug/L	98
71) Naphthalene	13.448	128	10180	0.427	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	6873	0.458	ug/L	97

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

