

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026504.D
 Acq On : 23 Jun 2022 10:25
 Operator : SY/MD
 Sample : VSTD0.573
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5273

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 00:00:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	208935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	187148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	8846	0.503	ug/L	0.00
7) Chloroethane-d5	1.581	69	7076	0.504	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	15667	0.511	ug/L	0.00
20) 2-Butanone-d5	3.986	46	6668m	3.752	ug/L	0.06
24) Chloroform-d	4.365	84	13799	0.521	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.050	65	5130	0.467	ug/L	0.00
32) Benzene-d6	5.063	84	26285	0.522	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	7077	0.450	ug/L	0.00
41) Toluene-d8	7.323	98	21933	0.479	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.641	79	1247	0.278	ug/L	0.02
46) 2-Hexanone-d5	8.108	63	5040	3.579	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.217	84	4718	0.525	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7183	0.557	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	8492	0.546	ug/L	98
3) Chloromethane	1.253	50	10739	0.624	ug/L	98
5) Vinyl chloride	1.323	62	10496	0.586	ug/L #	1
6) Bromomethane	1.536	94	5989	0.606	ug/L	96
8) Chloroethane	1.597	64	8058m	0.706	ug/L	
9) Trichlorofluoromethane	1.764	101	14866	0.599	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	8717	0.600	ug/L	98
12) 1,1-Dichloroethene	2.130	96	7479	0.563	ug/L	91
13) Acetone	2.224	43	5463m	4.566	ug/L	
14) Carbon disulfide	2.304	76	19938	0.603	ug/L	95
15) Methyl Acetate	2.471	43	1242m	0.403	ug/L	
16) Methylene chloride	2.519	84	9288	0.558	ug/L	90
17) Methyl tert-butyl Ether	2.786	73	11448	0.515	ug/L	98
18) trans-1,2-Dichloroethene	2.773	96	7953	0.612	ug/L	93
19) 1,1-Dichloroethane	3.204	63	14524	0.595	ug/L	99
21) 2-Butanone	4.101	43	6662m	3.896	ug/L	
22) cis-1,2-Dichloroethene	3.934	96	7080	0.540	ug/L	96
23) Bromochloromethane	4.269	128	2956	0.540	ug/L	89
25) Chloroform	4.384	83	15737	0.596	ug/L	100
27) 1,2-Dichloroethane	5.143	62	6459	0.541	ug/L #	94
29) 1,1,1-Trichloroethane	4.619	97	12320	0.584	ug/L	99
30) Cyclohexane	4.680	56	8602	0.536	ug/L	93
31) Carbon tetrachloride	4.838	117	10714	0.598	ug/L	95
33) Benzene	5.111	78	27744	0.563	ug/L	100
34) Trichloroethene	5.924	95	8150	0.610	ug/L	94
35) Methylcyclohexane	6.133	83	10538	0.556	ug/L	99
37) 1,2-Dichloropropane	6.178	63	7089	0.565	ug/L	99
38) Bromodichloromethane	6.516	83	8164	0.539	ug/L #	88
39) cis-1,3-Dichloropropene	7.043	75	5574	0.403	ug/L	86
40) 4-Methyl-2-pentanone	7.236	43	18769	4.190	ug/L	97
42) Toluene	7.394	91	26328	0.511	ug/L	97
44) trans-1,3-Dichloropropene	7.667	75	3552	0.324	ug/L	88

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

45) 1,1,2-Trichloroethane	7.844	97	4163	0.507	ug/L	95
47) Tetrachloroethene	7.976	164	6015	0.600	ug/L	95
49) Dibromochloromethane	8.249	129	4138	0.466	ug/L	97
50) 1,2-Dibromoethane	8.358	107	3714	0.527	ug/L #	97
51) Chlorobenzene	8.882	112	18964	0.565	ug/L	99
52) Ethylbenzene	9.014	91	27271	0.524	ug/L	100
53) m,p-Xylene	9.143	106	10305	0.504	ug/L	82
54) o-Xylene	9.545	106	9363	0.480	ug/L	100
55) Styrene	9.564	104	14253	0.435	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	4533	0.531	ug/L	95
59) Bromoform	9.731	173	1706	0.489	ug/L	98
60) Isopropylbenzene	9.931	105	24274	0.527	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	2713	0.505	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	19451	0.532	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	18066	0.498	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	12885	0.574	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	13126	0.578	ug/L	94
67) 1,2-Dichlorobenzene	11.644	146	10752	0.547	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	648	0.696	ug/L #	64
69) 1,3,5-Trichlorobenzene	12.644	180	9558	0.594	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	6151	0.519	ug/L	93
71) Naphthalene	13.506	128	7355	0.455	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	5030	0.513	ug/L	92

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

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