

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025784.D
 Acq On : 03 May 2022 10:49
 Operator : SY/MD
 Sample : VSTD0.537
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5237

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Semsettin Yesilyurt 05/06/2022

Quant Time: May 03 12:16:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145071	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	143766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	8556	0.602	ug/L	0.00
7) Chloroethane-d5	1.571	69	7560	0.520	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	15868	0.567	ug/L	0.00
20) 2-Butanone-d5	3.934	46	10737m	6.056	ug/L	0.04
24) Chloroform-d	4.358	84	11937	0.555	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.047	65	5477	0.589	ug/L	0.01
32) Benzene-d6	5.056	84	22570	0.519	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7131	0.584	ug/L	0.00
41) Toluene-d8	7.320	98	19291	0.481	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	1923	0.476	ug/L	0.02
46) 2-Hexanone-d5	8.098	63	6698	4.550	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	4683	0.607	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	6721	0.552	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	9372	0.670	ug/L	95
3) Chloromethane	1.243	50	11472	0.743	ug/L	97
5) Vinyl chloride	1.314	62	10478	0.617	ug/L	95
6) Bromomethane	1.526	94	5908	0.506	ug/L	98
8) Chloroethane	1.587	64	6887	0.540	ug/L	99
9) Trichlorofluoromethane	1.757	101	13804	0.586	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	7979	0.607	ug/L	99
12) 1,1-Dichloroethene	2.124	96	7865	0.606	ug/L	77
13) Acetone	2.185	43	8394	7.128	ug/L	98
14) Carbon disulfide	2.297	76	18156	0.573	ug/L	99
15) Methyl Acetate	2.452	43	2128m	0.806	ug/L	
16) Methylene chloride	2.513	84	8610	0.682	ug/L	90
17) Methyl tert-butyl Ether	2.773	73	10444	0.519	ug/L #	94
18) trans-1,2-Dichloroethene	2.767	96	6642	0.604	ug/L	92
19) 1,1-Dichloroethane	3.198	63	11305	0.597	ug/L	99
21) 2-Butanone	4.011	43	8854m	5.393	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	6435	0.561	ug/L	83
23) Bromochloromethane	4.262	128	2664	0.556	ug/L	95
25) Chloroform	4.384	83	12339	0.622	ug/L	100
27) 1,2-Dichloroethane	5.146	62	6632	0.628	ug/L	95
29) 1,1,1-Trichloroethane	4.612	97	10355	0.582	ug/L	97
30) Cyclohexane	4.683	56	8150	0.508	ug/L	98
31) Carbon tetrachloride	4.834	117	8651	0.577	ug/L	100
33) Benzene	5.108	78	23324	0.524	ug/L	100
34) Trichloroethene	5.924	95	7015	0.602	ug/L	96
35) Methylcyclohexane	6.133	83	8807	0.472	ug/L #	88
37) 1,2-Dichloropropane	6.182	63	6282	0.604	ug/L	100
38) Bromodichloromethane	6.516	83	7709	0.601	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	6103	0.457	ug/L	89
40) 4-Methyl-2-pentanone	7.233	43	22029	5.238	ug/L	90
42) Toluene	7.394	91	24591	0.511	ug/L	98
44) trans-1,3-Dichloropropene	7.664	75	4839	0.461	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	3896	0.567	ug/L	97
47) Tetrachloroethene	7.979	164	7151	0.780	ug/L	91
48) 2-Hexanone	8.149	43	13632	4.629	ug/L #	97
49) Dibromochloromethane	8.246	129	4069	0.541	ug/L	94
50) 1,2-Dibromoethane	8.361	107	3434	0.541	ug/L #	99
51) Chlorobenzene	8.886	112	16372	0.536	ug/L	97
52) Ethylbenzene	9.014	91	23438	0.461	ug/L	98
53) m,p-Xylene	9.143	106	9303	0.481	ug/L	100
54) o-Xylene	9.548	106	8763	0.466	ug/L	80
55) Styrene	9.567	104	12874	0.417	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	4303	0.621	ug/L	88
59) Bromoform	9.731	173	1688	0.549	ug/L #	96
60) Isopropylbenzene	9.934	105	22844	0.503	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	3628	0.741	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.538	105	9836	0.492	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	17055	0.470	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	11208	0.530	ug/L	94
65) 1,4-Dichlorobenzene	11.271	146	12271	0.573	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	10422	0.557	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	591	0.680	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.648	180	9181	0.575	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	6801	0.556	ug/L	89
71) Naphthalene	13.506	128	8801	0.493	ug/L	97
72) 1,2,3-Trichlorobenzene	13.741	180	5293	0.521	ug/L	98

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

