

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024428.D
 Acq On : 26 Jan 2022 10:20
 Operator : SY/MD
 Sample : VSTD00178
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001278

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 26 11:07:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 11:06:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	164015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	13719	1.375	ug/L	0.00
7) Chloroethane-d5	1.568	69	12360	1.457	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	26103	1.343	ug/L	0.00
20) 2-Butanone-d5	3.970	46	17702m	9.032	ug/L	0.05
24) Chloroform-d	4.352	84	26283	1.213	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	11708	1.159	ug/L	0.00
32) Benzene-d6	5.056	84	47916	1.234	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	15045	1.269	ug/L	0.00
41) Toluene-d8	7.320	98	40030	1.131	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	4440	0.950	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	13467m	6.842	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	8537	0.949	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	14635	1.058	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	18324	1.222	ug/L	97
3) Chloromethane	1.240	50	15709	1.188	ug/L	91
5) Vinyl chloride	1.311	62	16358	1.156	ug/L	98
6) Bromomethane	1.523	94	10588	1.188	ug/L	98
8) Chloroethane	1.584	64	9747	1.084	ug/L	92
9) Trichlorofluoromethane	1.754	101	22644	0.977	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	12682	1.038	ug/L	98
12) 1,1-Dichloroethene	2.121	96	12040	1.062	ug/L	98
13) Acetone	2.217	43	10628m	7.670	ug/L	
14) Carbon disulfide	2.294	76	36019	1.080	ug/L	97
15) Methyl Acetate	2.449	43	3184m	0.896	ug/L	
16) Methylene chloride	2.507	84	12517	0.876	ug/L	90
17) Methyl tert-butyl Ether	2.770	73	19422	0.791	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	11100	0.913	ug/L	95
19) 1,1-Dichloroethane	3.195	63	21218	0.964	ug/L	94
21) 2-Butanone	4.063	43	17580m	8.422	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	10627	0.837	ug/L	83
23) Bromochloromethane	4.253	128	4989	0.867	ug/L	90
25) Chloroform	4.375	83	24412	1.006	ug/L	99
27) 1,2-Dichloroethane	5.140	62	11718	0.901	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	19037	0.844	ug/L #	73
30) Cyclohexane	4.677	56	16584	0.901	ug/L	92
31) Carbon tetrachloride	4.825	117	16806	0.796	ug/L	97
33) Benzene	5.105	78	42418	0.857	ug/L	100
34) Trichloroethene	5.921	95	11949	0.853	ug/L	92
35) Methylcyclohexane	6.130	83	16530	0.814	ug/L	93
37) 1,2-Dichloropropane	6.179	63	9438	0.791	ug/L #	94
38) Bromodichloromethane	6.513	83	14292	0.863	ug/L	88
39) cis-1,3-Dichloropropene	7.034	75	12026	0.693	ug/L	95
40) 4-Methyl-2-pentanone	7.233	43	42195	7.493	ug/L #	92
42) Toluene	7.391	91	42152	0.763	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	10512	0.705	ug/L	98

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

45) 1,1,2-Trichloroethane	7.844	97	6785	0.796	ug/L	99
47) Tetrachloroethene	7.976	164	9339	0.781	ug/L	95
48) 2-Hexanone	8.149	43	33120	8.143	ug/L #	86
49) Dibromochloromethane	8.246	129	8519	0.740	ug/L	97
50) 1,2-Dibromoethane	8.355	107	6366	0.795	ug/L #	96
51) Chlorobenzene	8.883	112	29754	0.816	ug/L	97
52) Ethylbenzene	9.014	91	43189	0.748	ug/L	95
53) m,p-xylene	9.140	106	15876	0.703	ug/L	91
54) o-xylene	9.545	106	14657	0.669	ug/L	94
55) Styrene	9.564	104	23066	0.635	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	6452	0.699	ug/L	98
59) Bromoform	9.738	173	4242	0.717	ug/L #	96
60) Isopropylbenzene	9.931	105	39820	0.724	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	5774	0.889	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	30057	0.662	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	31139	0.683	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	21550	0.767	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	22034	0.780	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	19867	0.773	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	1200	0.881	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.644	180	17656	0.759	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	12767	0.704	ug/L	99
71) Naphthalene	13.503	128	15295	0.597	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	10536	0.663	ug/L	99

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

