

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010422\
 Data File : VW024263.D
 Acq On : 04 Jan 2022 10:37
 Operator : SY/MD
 Sample : VSTD0.571
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5271

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/07/2022
 Supervised By :Amit Patel 01/07/2022

Quant Time: Jan 04 12:47:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 04 12:47:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	89036	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	87635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	3678	0.695	ug/L	0.00
7) Chloroethane-d5	1.568	69	2953	0.678	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	6981	0.674	ug/L	0.00
20) 2-Butanone-d5	3.998	46	3742m	3.842	ug/L	0.09
24) Chloroform-d	4.349	84	6460	0.563	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	2897	0.540	ug/L	0.00
32) Benzene-d6	5.047	84	11797	0.627	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	3313	0.602	ug/L	0.00
41) Toluene-d8	7.320	98	11242	0.642	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	1320	0.568	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	3552	3.689	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.220	84	1987m	0.448	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	3821	0.529	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	5241	0.621	ug/L	99
3) Chloromethane	1.240	50	3828	0.565	ug/L	96
5) Vinyl chloride	1.310	62	4082	0.551	ug/L	96
6) Bromomethane	1.523	94	2715	0.571	ug/L	91
8) Chloroethane	1.584	64	2637	0.551	ug/L	90
9) Trichlorofluoromethane	1.754	101	7749	0.584	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	3776	0.543	ug/L	92
12) 1,1-Dichloroethene	2.121	96	3229	0.519	ug/L	93
13) Acetone	2.243	43	4216m	5.415	ug/L	
14) Carbon disulfide	2.294	76	8307	0.485	ug/L	100
15) Methyl Acetate	2.449	43	885m	0.484	ug/L	
16) Methylene chloride	2.506	84	8268	1.026	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	7585	0.536	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	3653	0.539	ug/L	87
19) 1,1-Dichloroethane	3.188	63	6433	0.530	ug/L	92
21) 2-Butanone	4.053	43	4553m	4.049	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	3848	0.534	ug/L	72
23) Bromochloromethane	4.252	128	1469	0.447	ug/L	90
25) Chloroform	4.375	83	7976	0.583	ug/L	98
27) 1,2-Dichloroethane	5.133	62	4126	0.545	ug/L #	93
29) 1,1,1-Trichloroethane	4.609	97	7077	0.583	ug/L	98
30) Cyclohexane	4.674	56	4255	0.464	ug/L	97
31) Carbon tetrachloride	4.821	117	6119	0.537	ug/L	93
33) Benzene	5.101	78	13288	0.523	ug/L	100
34) Trichloroethene	5.911	95	3689	0.511	ug/L	86
35) Methylcyclohexane	6.127	83	5003	0.480	ug/L	92
37) 1,2-Dichloropropane	6.172	63	3075	0.507	ug/L #	94
38) Bromodichloromethane	6.513	83	4847	0.555	ug/L	87
39) cis-1,3-Dichloropropene	7.030	75	3922	0.432	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	13950	4.763	ug/L	96
42) Toluene	7.387	91	14076	0.484	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	3720	0.471	ug/L	90

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

45) 1,1,2-Trichloroethane	7.841	97	2609	0.578	ug/L	89
47) Tetrachloroethene	7.976	164	3575	0.558	ug/L	87
48) 2-Hexanone	8.146	43	9624	4.535	ug/L	95
49) Dibromochloromethane	8.246	129	3364	0.538	ug/L	99
50) 1,2-Dibromoethane	8.355	107	2235	0.532	ug/L #	97
51) Chlorobenzene	8.882	112	10309	0.529	ug/L	94
52) Ethylbenzene	9.011	91	14559	0.473	ug/L	99
53) m,p-xylene	9.136	106	5945	0.485	ug/L	100
54) o-xylene	9.545	106	5928	0.499	ug/L	96
55) Styrene	9.564	104	9549	0.483	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	2240	0.453	ug/L #	93
59) Bromoform	9.734	173	2094	0.620	ug/L #	90
60) Isopropylbenzene	9.931	105	15533	0.500	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	1757	0.491	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.538	105	13252	0.511	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	12847	0.493	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	8897	0.555	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	8937	0.558	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	8249	0.565	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	325	0.419	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	7107	0.537	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	5574	0.539	ug/L	98
71) Naphthalene	13.506	128	7404	0.498	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	4462	0.490	ug/L	98

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

