

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028873.D
 Acq On : 11 Nov 2022 13:30
 Operator : SY/MD
 Sample : VSTD0.577
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5277

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 11 21:54:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	306642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	280742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	141365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	8394	0.449	ug/L	0.00
7) Chloroethane-d5	1.564	69	7115	0.433	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	14356	0.421	ug/L	0.00
20) 2-Butanone-d5	3.924	46	14839m	4.786	ug/L	0.03
24) Chloroform-d	4.346	84	16036	0.418	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	7322	0.424	ug/L	0.00
32) Benzene-d6	5.050	84	32382	0.386	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	9095	0.389	ug/L	0.00
41) Toluene-d8	7.316	98	29049	0.385	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2756	0.361	ug/L	0.01
46) 2-Hexanone-d5	8.101	63	11694m	3.629	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.210	84	6597	0.407	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	10511	0.416	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	11759	0.460	ug/L	96
3) Chloromethane	1.240	50	9943	0.469	ug/L	98
5) Vinyl chloride	1.310	62	11276	0.466	ug/L	95
6) Bromomethane	1.519	94	6658	0.460	ug/L	89
8) Chloroethane	1.584	64	7494	0.527	ug/L	96
9) Trichlorofluoromethane	1.751	101	15443	0.473	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	8670	0.469	ug/L	97
12) 1,1-Dichloroethene	2.117	96	8585	0.462	ug/L	95
13) Acetone	2.182	43	15545	7.722	ug/L	89
14) Carbon disulfide	2.291	76	31218	0.474	ug/L	99
15) Methyl Acetate	2.439	43	2586	0.529	ug/L	93
16) Methylene chloride	2.503	84	11114	0.463	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	17084	0.429	ug/L #	96
18) trans-1,2-Dichloroethene	2.760	96	9939	0.462	ug/L	93
19) 1,1-Dichloroethane	3.188	63	15776	0.448	ug/L	96
21) 2-Butanone	4.005	43	15918m	5.218	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	9207	0.421	ug/L	94
23) Bromochloromethane	4.249	128	4165	0.450	ug/L	96
25) Chloroform	4.375	83	16087	0.436	ug/L	100
27) 1,2-Dichloroethane	5.140	62	8430	0.444	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	14341	0.435	ug/L	93
30) Cyclohexane	4.667	56	13710	0.409	ug/L	98
31) Carbon tetrachloride	4.825	117	12848	0.453	ug/L	96
33) Benzene	5.098	78	36593	0.427	ug/L	100
34) Trichloroethene	5.918	95	9204	0.419	ug/L	94
35) Methylcyclohexane	6.124	83	16053	0.416	ug/L	100
37) 1,2-Dichloropropane	6.175	63	8553	0.432	ug/L #	96
38) Bromodichloromethane	6.509	83	10594	0.423	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	10743	0.389	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	35525m	4.181	ug/L	
42) Toluene	7.387	91	45394	0.490	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	8687	0.405	ug/L	96

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

45) 1,1,2-Trichloroethane	7.841	97	5576	0.431	ug/L	95
47) Tetrachloroethene	7.972	164	7639	0.434	ug/L	96
48) 2-Hexanone	8.149	43	25605m	4.324	ug/L	
49) Dibromochloromethane	8.243	129	6736	0.430	ug/L	100
50) 1,2-Dibromoethane	8.355	107	5079	0.422	ug/L #	98
51) Chlorobenzene	8.879	112	25511	0.445	ug/L	98
52) Ethylbenzene	9.011	91	42110	0.436	ug/L	98
53) m,p-Xylene	9.136	106	17091	0.445	ug/L	98
54) o-Xylene	9.538	106	15708	0.431	ug/L	97
55) Styrene	9.561	104	24338	0.398	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	6772	0.449	ug/L	99
59) Bromoform	9.728	173	3219	0.418	ug/L	95
60) Isopropylbenzene	9.924	105	40553	0.442	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	4225	0.437	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.535	105	33794	0.435	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	33595	0.431	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	19317	0.448	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	20418	0.471	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	762	0.401	ug/L	94
69) 1,3,5-Trichlorobenzene	12.638	180	14157	0.426	ug/L	97
70) 1,2,4-trichlorobenzene	13.255	180	8859	0.352	ug/L	92
71) Naphthalene	13.503	128	11628	0.358	ug/L	99
72) 1,2,3-Trichlorobenzene	13.737	180	7916	0.371	ug/L	95

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

