

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029411.D
 Acq On : 07 Dec 2022 11:58
 Operator : SY/MD
 Sample : VSTD01077
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010277

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 00:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	533121	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	485952	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	242819	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30305	9.201	ug/L	0.00
7) Chloroethane-d5	1.558	69	24350	9.064	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	48678	8.412	ug/L	0.00
21) 2-Butanone-d5	3.879	46	38673	14.495	ug/L	0.01
24) Chloroform-d	4.339	84	59968	8.729	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	34326	8.403	ug/L	0.00
32) Benzene-d6	5.043	84	125042	9.282	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	39418	9.278	ug/L	0.00
41) Toluene-d8	7.310	98	115347	9.219	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	18512	8.823	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	31004	16.982	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	55081	9.751	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	45693	9.292	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	36589	9.890	ug/L	99
3) Chloromethane	1.240	50	44220	11.750	ug/L	99
5) Vinyl chloride	1.307	62	34728	9.506	ug/L	96
6) Bromomethane	1.507	94	17550	9.349	ug/L	93
8) Chloroethane	1.574	64	20501	9.359	ug/L	94
9) Trichlorofluoromethane	1.748	101	43987	8.550	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	23789	8.226	ug/L	96
12) 1,1-Dichloroethene	2.114	96	25304	9.335	ug/L	98
13) Acetone	2.156	43	23615	13.212	ug/L	98
14) Carbon disulfide	2.288	76	85095	11.134	ug/L	98
15) Methyl Acetate	2.426	43	27105	7.291	ug/L	99
16) Methylene chloride	2.500	84	32227	8.876	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	29113	9.155	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	89415	8.198	ug/L	99
19) 1,1-Dichloroethane	3.182	63	51688	8.556	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	32417	8.735	ug/L	96
22) 2-Butanone	3.963	43	34349	13.230	ug/L	99
23) Bromochloromethane	4.240	128	16859	8.504	ug/L	98
25) Chloroform	4.365	83	53103	8.352	ug/L	98
27) 1,2-Dichloroethane	5.124	62	36774	8.233	ug/L	98
29) Cyclohexane	4.667	56	46349	9.368	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	47816	8.805	ug/L	98
31) Carbon tetrachloride	4.818	117	41333	8.777	ug/L	99
33) Benzene	5.092	78	122536	9.310	ug/L	100
34) Trichloroethene	5.908	95	30641	8.367	ug/L	98
35) Methylcyclohexane	6.124	83	47860	9.176	ug/L	98
37) 1,2-Dichloropropane	6.169	63	30577	8.834	ug/L	100
38) Bromodichloromethane	6.503	83	41000	8.710	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	47890	8.740	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	69759	14.458	ug/L	99
42) Toluene	7.381	91	130139	9.158	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	45009	8.603	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	30643	8.726	ug/L	99
46) Tetrachloroethene	7.966	164	24382	8.849	ug/L	99
48) 2-Hexanone	8.136	43	52329	14.096	ug/L	97
49) Dibromochloromethane	8.239	129	33919	8.521	ug/L	99
50) 1,2-Dibromoethane	8.345	107	31785	8.567	ug/L	98
51) Chlorobenzene	8.873	112	82812	8.799	ug/L	97
52) Ethylbenzene	9.005	91	134583	8.753	ug/L	97
53) m,p-Xylene	9.130	106	52467	8.739	ug/L	99
54) o-Xylene	9.535	106	53536	8.918	ug/L	98
55) Styrene	9.551	104	90514	8.940	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	48430	9.123	ug/L	98
59) Bromoform	9.722	173	26224	9.448	ug/L	99
60) Isopropylbenzene	9.921	105	131794	8.811	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	35678	8.482	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	113161	8.883	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	110641	8.559	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	62290	8.652	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	63761	8.799	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	65079	8.857	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	11072	9.785	ug/L	91
69) 1,3,5-Trichlorobenzene	12.631	180	47092	8.676	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	41264	8.951	ug/L	98
71) Naphthalene	13.493	128	85659m	6.808	ug/L	
72) 1,2,3-Trichlorobenzene	13.731	180	41639	9.111	ug/L	99

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

