

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011823\
 Data File : VW029890.D
 Acq On : 18 Jan 2023 10:48
 Operator : SY/MD
 Sample : VSTD01003
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010203

Quant Time: Jan 19 00:25:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:23:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

01/19/2023

Supervised By :Mahesh
 Dadoda
 01/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	533006	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	520209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	302964	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33685	9.871	ug/L	0.00
7) Chloroethane-d5	1.564	69	29002	10.975	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	62600	11.585	ug/L	0.00
21) 2-Butanone-d5	3.879	46	37111	18.053	ug/L	0.01
24) Chloroform-d	4.339	84	65481	10.304	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	36609	10.138	ug/L	0.00
32) Benzene-d6	5.040	84	130956	9.367	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	40876	9.586	ug/L	0.00
41) Toluene-d8	7.307	98	117989	9.000	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.615	79	16423	7.786	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	30758m	16.762	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	62903	10.177	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	50575	8.805	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	38460	9.457	ug/L	99
3) Chloromethane	1.240	50	40423	8.851	ug/L	100
5) Vinyl chloride	1.310	62	45331	11.130	ug/L	98
6) Bromomethane	1.519	94	18545	11.618	ug/L	99
8) Chloroethane	1.580	64	28805	12.419	ug/L	98
9) Trichlorofluoromethane	1.751	101	62332	12.110	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	37495	12.854	ug/L	98
12) 1,1-Dichloroethene	2.114	96	36514	12.384	ug/L	95
13) Acetone	2.156	43	52835	34.529	ug/L	97
14) Carbon disulfide	2.288	76	91778	9.898	ug/L	99
15) Methyl Acetate	2.423	43	35185	11.653	ug/L	99
16) Methylene chloride	2.500	84	45306	12.503	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	37817	11.389	ug/L	96
18) Methyl tert-butyl Ether	2.760	73	114990	11.219	ug/L	100
19) 1,1-Dichloroethane	3.182	63	71195	12.322	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	42186	11.461	ug/L	98
22) 2-Butanone	3.960	43	51881	23.720	ug/L	98
23) Bromochloromethane	4.236	128	21988	11.550	ug/L	96
25) Chloroform	4.365	83	73741	12.317	ug/L	99
27) 1,2-Dichloroethane	5.120	62	49745	11.773	ug/L	99
29) Cyclohexane	4.667	56	54693	9.841	ug/L	100
30) 1,1,1-Trichloroethane	4.596	97	62722	11.019	ug/L	99
31) Carbon tetrachloride	4.815	117	53432	10.830	ug/L	100
33) Benzene	5.088	78	161659	10.934	ug/L	100
34) Trichloroethene	5.908	95	40728	11.075	ug/L	99
35) Methylcyclohexane	6.120	83	62841	10.101	ug/L	98
37) 1,2-Dichloropropane	6.162	63	43347	12.031	ug/L	99
38) Bromodichloromethane	6.500	83	55467	11.275	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	55270	9.628	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	90647	21.250	ug/L	96
42) Toluene	7.378	91	172665	10.875	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	51112	9.390	ug/L	100

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45) 1,1,2-Trichloroethane	7.828	97	42355	11.409	ug/L	98
46) Tetrachloroethene	7.966	164	34188	11.529	ug/L	96
48) 2-Hexanone	8.133	43	74152	22.331	ug/L	94
49) Dibromochloromethane	8.236	129	44442	10.986	ug/L	99
50) 1,2-Dibromoethane	8.342	107	43014	11.298	ug/L #	99
51) Chlorobenzene	8.869	112	119520	11.800	ug/L	100
52) Ethylbenzene	9.001	91	182379	10.932	ug/L	99
53) m,p-Xylene	9.130	106	70972	10.737	ug/L	98
54) o-Xylene	9.532	106	68317	10.475	ug/L	97
55) Styrene	9.551	104	124713	10.872	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	71389	11.949	ug/L	99
59) Bromoform	9.718	173	30443	9.461	ug/L	99
60) Isopropylbenzene	9.918	105	180929	10.369	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	53080	11.444	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	149119	9.667	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	145116	9.494	ug/L	98
64) 1,3-Dichlorobenzene	11.168	146	94931	10.969	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	101176	11.488	ug/L	97
67) 1,2-Dichlorobenzene	11.631	146	94979	10.752	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	12979	9.182	ug/L	95
69) 1,3,5-Trichlorobenzene	12.631	180	71565	10.467	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	60757	10.011	ug/L	99
71) Naphthalene	13.490	128	155559	10.818	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	61671	10.367	ug/L	99

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

