

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027044.D
 Acq On : 28 Jul 2022 17:31
 Operator : SY/MD
 Sample : VSTD20041
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200241

Quant Time: Jul 29 01:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/29/2022
 Supervised By :Mahesh Dadoda 08/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	629770	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	630239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	352257	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	1206955	201.447	ug/L	0.00
7) Chloroethane-d5	1.561	69	916046	192.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	1909296	187.183	ug/L	0.00
21) 2-Butanone-d5	3.876	46	1745795	486.678	ug/L	0.00
24) Chloroform-d	4.339	84	2177718	201.811	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	1242976	202.913	ug/L	0.00
32) Benzene-d6	5.043	84	4568200	206.410	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	1397674	206.333	ug/L	0.00
41) Toluene-d8	7.313	98	4209558	210.434	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	668698	223.475	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	1392463	478.179	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1981918	194.052	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	1571845	198.499	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	897365	137.297	ug/L	100
3) Chloromethane	1.236	50	804466	134.606	ug/L	99
5) Vinyl chloride	1.304	62	876228	138.219	ug/L	99
6) Bromomethane	1.516	94	516884	132.765	ug/L	100
8) Chloroethane	1.577	64	485472	130.429	ug/L	100
9) Trichlorofluoromethane	1.744	101	1114197	136.997	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	630141	134.216	ug/L	100
12) 1,1-Dichloroethene	2.108	96	627477	136.787	ug/L #	74
13) Acetone	2.172	43	640941m	272.399	ug/L	
14) Carbon disulfide	2.285	76	2003220	137.646	ug/L	99
15) Methyl Acetate	2.426	43	551425	131.131	ug/L	97
16) Methylene chloride	2.497	84	750861	128.412	ug/L	100
17) trans-1,2-Dichloroethene	2.751	96	699692	139.319	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	1998213	144.855	ug/L	99
19) 1,1-Dichloroethane	3.182	63	1207109	137.640	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	768926	148.055	ug/L	99
22) 2-Butanone	3.963	43	1040616	323.927	ug/L	95
23) Bromochloromethane	4.240	128	404504	144.586	ug/L	98
25) Chloroform	4.368	83	1261671	136.452	ug/L	99
27) 1,2-Dichloroethane	5.124	62	895567	140.755	ug/L	99
29) Cyclohexane	4.670	56	1065437	157.343	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	1100147	136.003	ug/L	100
31) Carbon tetrachloride	4.822	117	963080	136.763	ug/L	100
33) Benzene	5.092	78	2851474	140.394	ug/L	100
34) Trichloroethene	5.908	95	707761	135.393	ug/L	99
35) Methylcyclohexane	6.127	83	1206901	154.759	ug/L	99
37) 1,2-Dichloropropane	6.169	63	716290	140.913	ug/L	100
38) Bromodichloromethane	6.503	83	935066	138.493	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	1146638	157.241	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	1903667	296.088	ug/L	98
42) Toluene	7.384	91	2984981	142.543	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	1102545	155.516	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	726980	133.581	ug/L	99
46) Tetrachloroethene	7.973	164	551556	134.896	ug/L	99
48) 2-Hexanone	8.140	43	1473913	290.901	ug/L	99
49) Dibromochloromethane	8.243	129	788383	140.861	ug/L	99
50) 1,2-Dibromoethane	8.349	107	775940	135.968	ug/L	99
51) Chlorobenzene	8.879	112	1934813	137.001	ug/L	100
52) Ethylbenzene	9.011	91	3192221	150.548	ug/L	99
53) m,p-Xylene	9.136	106	1268831	152.134	ug/L	99
54) o-Xylene	9.542	106	1235499	153.826	ug/L	100
55) Styrene	9.558	104	2171757	154.500	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	1179873	134.469	ug/L	99
59) Bromoform	9.728	173	552529	138.083	ug/L	99
60) Isopropylbenzene	9.931	105	3175026	144.435	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	911275	123.350	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	1459875	155.161	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1195169	159.181	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1472041	137.944	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1501946	133.564	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	1489031	133.613	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	266899	137.795	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	1039598	143.634	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	940159	151.763	ug/L	100
71) Naphthalene	13.500	128	3431174	159.178	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	983484	146.368	ug/L	100

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

