

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027042.D
 Acq On : 28 Jul 2022 16:42
 Operator : SY/MD
 Sample : VSTD05039
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050239

Quant Time: Jul 29 01:27:16 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	5.612	114	464361	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	464872	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	252287	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	296117	67.028	ug/L	0.00
7) Chloroethane-d5	1.561	69	236674	67.616	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	472869	62.872	ug/L	0.00
21) 2-Butanone-d5	3.886	46	309586	117.046	ug/L	0.00
24) Chloroform-d	4.342	84	528134	66.376	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	306621	67.885	ug/L	0.00
32) Benzene-d6	5.043	84	1123878	68.846	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	335852	67.218	ug/L	0.00
41) Toluene-d8	7.313	98	1022558	69.301	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	147775	66.953	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	292327	136.097	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	497499	66.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	361960	63.823	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	225965	46.888	ug/L	99
3) Chloromethane	1.236	50	210023	47.659	ug/L	99
5) Vinyl chloride	1.307	62	222797	47.664	ug/L	100
6) Bromomethane	1.516	94	136004	47.377	ug/L	99
8) Chloroethane	1.580	64	130108	47.407	ug/L	99
9) Trichlorofluoromethane	1.748	101	284574	47.454	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	163207	47.145	ug/L	99
12) 1,1-Dichloroethene	2.111	96	161381	47.712	ug/L #	82
13) Acetone	2.178	43	167931m	96.793	ug/L	
14) Carbon disulfide	2.285	76	493116	45.953	ug/L	100
15) Methyl Acetate	2.432	43	150529	48.547	ug/L	96
16) Methylene chloride	2.500	84	199009	46.158	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	167343	45.190	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	457069	44.937	ug/L	100
19) 1,1-Dichloroethane	3.182	63	302751	46.818	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	176256	46.027	ug/L	100
22) 2-Butanone	3.973	43	212105	89.543	ug/L	96
23) Bromochloromethane	4.243	128	100333	48.638	ug/L	99
25) Chloroform	4.368	83	323172	47.402	ug/L	98
27) 1,2-Dichloroethane	5.127	62	220259	46.949	ug/L	99
29) Cyclohexane	4.670	56	230226	46.094	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	272365	45.648	ug/L	99
31) Carbon tetrachloride	4.821	117	237876	45.796	ug/L	98
33) Benzene	5.095	78	720059	48.064	ug/L	100
34) Trichloroethene	5.911	95	171995	44.606	ug/L	98
35) Methylcyclohexane	6.127	83	267998	46.589	ug/L	99
37) 1,2-Dichloropropane	6.169	63	178576	47.627	ug/L	99
38) Bromodichloromethane	6.506	83	230432	46.270	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	255943	47.583	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	443026	93.418	ug/L	99
42) Toluene	7.384	91	740285	47.926	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	244926	46.837	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	185827	46.292	ug/L	99
46) Tetrachloroethene	7.972	164	135153	44.813	ug/L	99
48) 2-Hexanone	8.140	43	370634	99.172	ug/L	100
49) Dibromochloromethane	8.242	129	187405	45.395	ug/L	98
50) 1,2-Dibromoethane	8.349	107	190028	45.144	ug/L	97
51) Chlorobenzene	8.879	112	469619	45.082	ug/L	98
52) Ethylbenzene	9.011	91	709004	45.332	ug/L	99
53) m,p-Xylene	9.136	106	286308	46.540	ug/L	100
54) o-Xylene	9.541	106	273407	46.150	ug/L	98
55) Styrene	9.558	104	511787	49.360	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	298064	46.054	ug/L	100
59) Bromoform	9.731	173	127585	44.520	ug/L	99
60) Isopropylbenzene	9.931	105	697870	44.327	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	234223	44.267	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	282194	41.877	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	226648	42.148	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	335087	43.843	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	353194	43.854	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	357769	44.824	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	59596	42.960	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	221395	42.709	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	180083	40.588	ug/L	98
71) Naphthalene	13.503	128	592622	38.387	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	203324	42.250	ug/L	99

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

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