

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024243.D
 Acq On : 30 Dec 2021 19:30
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010270

Quant Time: Dec 31 05:02:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:01:12 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

12/31/2021
 Supervised By :Mahesh
 Dadoda

01/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	235936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	222741	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	118874	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17022	10.025	ug/L	0.00
7) Chloroethane-d5	1.568	69	12941	10.033	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	31892	10.049	ug/L	0.00
21) 2-Butanone-d5	3.902	46	18115m	19.053	ug/L	0.02
24) Chloroform-d	4.355	84	30097	9.698	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	20739	9.981	ug/L	0.00
32) Benzene-d6	5.053	84	57113	9.826	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	16387	10.060	ug/L	0.00
41) Toluene-d8	7.317	98	54038	9.602	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	9185	9.792	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	12346	17.444	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	23118	9.931	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	24239	10.230	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	18671	9.809	ug/L	98
3) Chloromethane	1.243	50	16426	10.272	ug/L	99
5) Vinyl chloride	1.311	62	16560	9.787	ug/L	87
6) Bromomethane	1.523	94	8574	8.892	ug/L	93
8) Chloroethane	1.584	64	9181	8.791	ug/L	97
9) Trichlorofluoromethane	1.754	101	29379	9.659	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	14741	9.917	ug/L	96
12) 1,1-Dichloroethene	2.121	96	14287	9.941	ug/L	90
13) Acetone	2.179	43	18790	21.172	ug/L	100
14) Carbon disulfide	2.298	76	40933	9.810	ug/L	99
15) Methyl Acetate	2.436	43	13552	9.976	ug/L	96
16) Methylene chloride	2.507	84	14887	9.512	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	13943	9.415	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	41610	9.117	ug/L	100
19) 1,1-Dichloroethane	3.191	63	23778	9.681	ug/L	95
20) cis-1,2-Dichloroethene	3.918	96	14928	9.439	ug/L	98
22) 2-Butanone	3.986	43	18254m	18.410	ug/L	
23) Bromochloromethane	4.259	128	8463	9.287	ug/L	95
25) Chloroform	4.378	83	27588	9.606	ug/L	98
27) 1,2-Dichloroethane	5.134	62	22500	9.632	ug/L	100
29) Cyclohexane	4.680	56	18261	9.171	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	26557	9.690	ug/L	98
31) Carbon tetrachloride	4.831	117	25030	9.844	ug/L	99
33) Benzene	5.101	78	54097	9.551	ug/L	100
34) Trichloroethene	5.918	95	14691	9.406	ug/L	92
35) Methylcyclohexane	6.133	83	21360	9.222	ug/L	98
37) 1,2-Dichloropropane	6.175	63	13251	9.947	ug/L	98
38) Bromodichloromethane	6.513	83	20110	9.620	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	19179	8.565	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	30281	17.432	ug/L	99
42) Toluene	7.391	91	58926	9.268	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	20336	8.952	ug/L	99

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45) 1,1,2-Trichloroethane	7.841	97	14692	9.838	ug/L	97
46) Tetrachloroethene	7.979	164	13602	9.568	ug/L	93
48) 2-Hexanone	8.143	43	24150	17.309	ug/L	97
49) Dibromochloromethane	8.246	129	17334	9.260	ug/L	94
50) 1,2-Dibromoethane	8.355	107	15295	9.535	ug/L	98
51) Chlorobenzene	8.883	112	41675	9.732	ug/L	98
52) Ethylbenzene	9.014	91	61945	9.120	ug/L	95
53) m,p-Xylene	9.140	106	24313	8.930	ug/L	97
54) o-Xylene	9.545	106	22910	8.815	ug/L	98
55) Styrene	9.564	104	39044	8.651	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	21271	9.754	ug/L	98
59) Bromoform	9.731	173	13125	9.683	ug/L	96
60) Isopropylbenzene	9.931	105	60977	9.270	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	17138	9.818	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	49443	8.738	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	49190	8.708	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	31985	9.431	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	33795	9.662	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	33487	9.580	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4402	8.757	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	23954	9.182	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	19309	8.654	ug/L	96
71) Naphthalene	13.503	128	53302	8.257	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	20540	8.907	ug/L	96

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

