

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080422\
 Data File : VW027209.D
 Acq On : 04 Aug 2022 12:58
 Operator : SY/MD
 Sample : VSTD20056
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200256

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/05/2022
 Supervised By : Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 02:03:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	388023	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	389448	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	210364	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	511138	193.213	ug/L	0.00
7) Chloroethane-d5	1.552	69	308396	159.462	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	952388	196.818	ug/L	0.00
21) 2-Butanone-d5	3.867	46	1047637	443.842	ug/L	0.00
24) Chloroform-d	4.339	84	1035497	191.089	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	649619	193.082	ug/L	0.00
32) Benzene-d6	5.043	84	1874727	200.737	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	656612	197.648	ug/L	0.00
41) Toluene-d8	7.313	98	1673960	210.283	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	317114	218.996	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	783183	489.470	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1025291	189.383	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	727217	200.181	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	663271	192.152	ug/L	100
3) Chloromethane	1.236	50	743175	188.461	ug/L	98
5) Vinyl chloride	1.304	62	758184	193.003	ug/L	98
6) Bromomethane	1.510	94	348243	188.047	ug/L	100
8) Chloroethane	1.568	64	354704	162.073	ug/L	99
9) Trichlorofluoromethane	1.741	101	986538	195.724	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	531761	190.257	ug/L	97
12) 1,1-Dichloroethene	2.108	96	522305	194.265	ug/L	87
13) Acetone	2.162	43	666587	367.116	ug/L	88
14) Carbon disulfide	2.281	76	1841928	201.292	ug/L	100
15) Methyl Acetate	2.423	43	825932m	196.914	ug/L	
16) Methylene chloride	2.497	84	669013	186.284	ug/L	85
17) trans-1,2-Dichloroethene	2.751	96	607723	204.258	ug/L	91
18) Methyl tert-butyl Ether	2.764	73	1944521m	219.782	ug/L	
19) 1,1-Dichloroethane	3.182	63	1182057	197.908	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	680385	220.135	ug/L	87
22) 2-Butanone	3.950	43	1154448	463.760	ug/L	95
23) Bromochloromethane	4.236	128	348529	201.935	ug/L	86
25) Chloroform	4.365	83	1156575	191.611	ug/L	100
27) 1,2-Dichloroethane	5.124	62	901134	191.688	ug/L	96
29) Cyclohexane	4.670	56	1069525	238.458	ug/L	90
30) 1,1,1-Trichloroethane	4.600	97	1011002	195.858	ug/L	97
31) Carbon tetrachloride	4.822	117	887651	198.067	ug/L	99
33) Benzene	5.092	78	2539727	202.934	ug/L	100
34) Trichloroethene	5.908	95	645986	201.588	ug/L	96
35) Methylcyclohexane	6.127	83	1095595	232.512	ug/L	94
37) 1,2-Dichloropropane	6.169	63	700485	199.789	ug/L	99
38) Bromodichloromethane	6.503	83	898484	195.580	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	1083983	233.404	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	2200962	440.035	ug/L #	92
42) Toluene	7.384	91	2712862	213.199	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	1034032	226.564	ug/L	100

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45) 1,1,2-Trichloroethane	7.834	97	650737	192.570	ug/L	97
46) Tetrachloroethene	7.973	164	476107	202.995	ug/L	99
48) 2-Hexanone	8.136	43	1717440	431.126	ug/L #	91
49) Dibromochloromethane	8.243	129	725437	203.084	ug/L	98
50) 1,2-Dibromoethane	8.349	107	698264	200.818	ug/L	100
51) Chlorobenzene	8.879	112	1732880	203.033	ug/L	96
52) Ethylbenzene	9.011	91	2984609	227.313	ug/L	99
53) m,p-Xylene	9.136	106	1152482	232.252	ug/L	95
54) o-Xylene	9.542	106	1125671	232.847	ug/L	97
55) Styrene	9.558	104	1962037	230.388	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	1092264	192.942	ug/L	99
59) Bromoform	9.728	173	505234	202.146	ug/L	99
60) Isopropylbenzene	9.931	105	2955604	222.946	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	877356	181.667	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	2565995	234.378	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	2534709	236.335	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	1323971	206.058	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1342100	198.478	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	1339982	199.041	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	276517	204.086	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	949811	220.092	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	878761	245.172	ug/L	99
71) Naphthalene	13.500	128	3267336	266.219	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	929293	233.913	ug/L	100

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

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