

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028400.D
 Acq On : 07 Oct 2022 11:52
 Operator : SY/MD
 Sample : VSTD20068
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200268

Quant Time: Oct 07 23:22:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	473876	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	440794	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	237645	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	702953	178.171	ug/L	0.00
7) Chloroethane-d5	1.564	69	561898	177.324	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	1209160	172.360	ug/L	0.00
21) 2-Butanone-d5	3.892	46	1361123	500.428	ug/L	0.00
24) Chloroform-d	4.339	84	1350574	177.244	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	869331	194.669	ug/L	0.00
32) Benzene-d6	5.043	84	2744464	203.842	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	911876	208.031	ug/L	0.00
41) Toluene-d8	7.310	98	2486011	211.881	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	483944	251.418	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	1015588	512.846	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	1249344	192.963	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	985387	215.406	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	689026	147.430	ug/L	100
3) Chloromethane	1.236	50	766836	170.090	ug/L	100
5) Vinyl chloride	1.307	62	792423	167.927	ug/L	98
6) Bromomethane	1.519	94	389399	142.521	ug/L	99
8) Chloroethane	1.580	64	476741	170.888	ug/L	100
9) Trichlorofluoromethane	1.751	101	977170	152.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	546636	146.420	ug/L	99
12) 1,1-Dichloroethene	2.111	96	549250	156.443	ug/L	95
13) Acetone	2.195	43	794675	406.376	ug/L	84
14) Carbon disulfide	2.288	76	1751987	171.592	ug/L	99
15) Methyl Acetate	2.432	43	911778	222.679	ug/L	98
16) Methylene chloride	2.500	84	692792	153.762	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	630535	167.795	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	2359674	214.891	ug/L	100
19) 1,1-Dichloroethane	3.182	63	1282380	181.943	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	732699	182.786	ug/L	98
22) 2-Butanone	3.976	43	1298854	492.523	ug/L	96
23) Bromochloromethane	4.239	128	361849	161.461	ug/L	97
25) Chloroform	4.365	83	1255856	169.296	ug/L	99
27) 1,2-Dichloroethane	5.124	62	992279	186.761	ug/L	99
29) Cyclohexane	4.670	56	1181594	238.549	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	1105535	189.202	ug/L	99
31) Carbon tetrachloride	4.821	117	932799	184.330	ug/L	98
33) Benzene	5.092	78	2774300	195.740	ug/L	100
34) Trichloroethene	5.908	95	689774	188.884	ug/L	97
35) Methylcyclohexane	6.127	83	1177354	212.474	ug/L	100
37) 1,2-Dichloropropane	6.165	63	761150	203.815	ug/L	100
38) Bromodichloromethane	6.503	83	993373	196.937	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	1248699	231.701	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	2509758	525.257	ug/L	98
42) Toluene	7.381	91	2872387	199.947	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	1199422	229.676	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	693871	179.568	ug/L	99
46) Tetrachloroethene	7.969	164	512199	182.967	ug/L	99
48) 2-Hexanone	8.136	43	1924751	527.181	ug/L	99
49) Dibromochloromethane	8.239	129	767757	188.294	ug/L	100
50) 1,2-Dibromoethane	8.345	107	728293	183.446	ug/L	100
51) Chlorobenzene	8.873	112	1841911	184.517	ug/L	99
52) Ethylbenzene	9.005	91	3188059	210.209	ug/L	100
53) m,p-Xylene	9.130	106	1216332	207.905	ug/L	99
54) o-Xylene	9.535	106	1209218	211.278	ug/L	100
55) Styrene	9.551	104	2112128	213.102	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	1190609	189.273	ug/L	99
59) Bromoform	9.722	173	581981	212.417	ug/L	100
60) Isopropylbenzene	9.924	105	3184421	218.138	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	929227	191.562	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	2812405	233.051	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	2799582	233.031	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	1473721	203.592	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	1472757	193.042	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	1474654	198.789	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	305630	228.783	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	1158382	220.980	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	1056938	234.619	ug/L	99
71) Naphthalene	13.490	128	3409967	245.737	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	1019879	223.554	ug/L	98

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

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