

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038386.D
 Acq On : 02 Dec 2024 11:50
 Operator : SY/MD
 Sample : VSTD01008
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010208

Quant Time: Dec 02 20:58:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 20:56:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/03/2024
 Supervised By :Semsettin Yesilyurt 12/04/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	529924	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	542810	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	279665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	43052	9.723	ug/L	0.00
7) Chloroethane-d5	1.529	69	36338	9.740	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	17886	9.528	ug/L	0.00
21) 2-Butanone-d5	3.821	46	36720m	17.967	ug/L	0.04
24) Chloroform-d	4.243	84	75865	9.447	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	45585	9.585	ug/L	0.00
32) Benzene-d6	4.953	84	140632	8.992	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	43475	8.583	ug/L	0.00
41) Toluene-d8	7.236	98	119173	8.425	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	19041	8.225	ug/L	0.01
47) 2-Hexanone-d5	8.034	63	21163m	14.867	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.143	84	61397	9.027	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	50636	9.365	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	50907	10.460	ug/L	99
3) Chloromethane	1.214	50	50316	9.966	ug/L	97
5) Vinyl chloride	1.281	62	49816	9.673	ug/L	97
6) Bromomethane	1.484	94	29478	9.239	ug/L	96
8) Chloroethane	1.545	64	33241	10.201	ug/L	98
9) Trichlorofluoromethane	1.712	101	69611	10.249	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	40504	10.357	ug/L	98
12) 1,1-Dichloroethene	2.066	96	36680	9.849	ug/L	90
13) Acetone	2.117	43	55175	18.985	ug/L	99
14) Carbon disulfide	2.236	76	124300	10.141	ug/L	100
15) Methyl Acetate	2.378	43	34891	9.276	ug/L	99
16) Methylene chloride	2.442	84	44000	9.791	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	39292	9.675	ug/L	94
18) Methyl tert-butyl Ether	2.696	73	104629	8.920	ug/L	100
19) 1,1-Dichloroethane	3.104	63	72906	9.789	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	38848	9.096	ug/L	97
22) 2-Butanone	3.889	43	49562m	19.197	ug/L	
23) Bromochloromethane	4.143	128	21985	9.470	ug/L	98
25) Chloroform	4.265	83	76269	9.810	ug/L	99
27) 1,2-Dichloroethane	5.037	62	53840	9.493	ug/L	98
29) Cyclohexane	4.571	56	51187	8.777	ug/L	96
30) 1,1,1-Trichloroethane	4.497	97	66100	9.637	ug/L	99
31) Carbon tetrachloride	4.722	117	57924	9.609	ug/L	99
33) Benzene	5.001	78	151250	9.231	ug/L	100
34) Trichloroethene	5.828	95	42076	9.613	ug/L	97
35) Methylcyclohexane	6.040	83	56311	8.959	ug/L	97
37) 1,2-Dichloropropane	6.088	63	38238	8.976	ug/L #	96
38) Bromodichloromethane	6.426	83	54991	9.301	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	54906	8.306	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	79746m	17.604	ug/L	
42) Toluene	7.310	91	156320	9.184	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	53152	8.473	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	41410	9.369	ug/L	98
46) Tetrachloroethene	7.898	164	34165	10.110	ug/L	94
48) 2-Hexanone	8.079	43	66934m	17.940	ug/L	
49) Dibromochloromethane	8.169	129	41299	9.059	ug/L	100
50) 1,2-Dibromoethane	8.278	107	42221	9.064	ug/L	98
51) Chlorobenzene	8.805	112	109771	9.386	ug/L	98
52) Ethylbenzene	8.940	91	160115	8.770	ug/L	100
53) m,p-Xylene	9.066	106	59721	8.630	ug/L	100
54) o-Xylene	9.471	106	54385	8.169	ug/L	92
55) Styrene	9.490	104	98005	8.385	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.168	83	62948	9.168	ug/L	98
59) Bromoform	9.660	173	27158	9.033	ug/L	97
60) Isopropylbenzene	9.857	105	149833	8.761	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	46238	9.497	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	110686	8.066	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	107744	7.987	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	84481	9.624	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	93427	10.012	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	85799	9.587	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	11279	8.790	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	55253	9.228	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	41254	8.178	ug/L	98
71) Naphthalene	13.435	128	94106m	7.055	ug/L	
72) 1,2,3-Trichlorobenzene	13.673	180	39835	8.049	ug/L	99

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

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