

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037012.D
 Acq On : 26 Aug 2024 09:12
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005265

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 01:02:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	691220	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	656715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	322335	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29047	4.594	ug/L	0.00
7) Chloroethane-d5	1.532	69	22617	4.628	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	12525	4.713	ug/L	0.00
21) 2-Butanone-d5	3.818	46	21013m	9.043	ug/L	0.03
24) Chloroform-d	4.243	84	44029	4.449	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	28126	4.513	ug/L	0.00
32) Benzene-d6	4.953	84	89604	4.517	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	27871	4.486	ug/L	0.00
41) Toluene-d8	7.239	98	78850	4.405	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	12619	4.390	ug/L	0.00
47) 2-Hexanone-d5	8.040	63	12710m	7.760	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	32333	4.291	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	30213	4.680	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	26008	4.453	ug/L	99
3) Chloromethane	1.217	50	28959	4.408	ug/L	97
5) Vinyl chloride	1.282	62	27530	4.464	ug/L	85
6) Bromomethane	1.487	94	14826	4.291	ug/L	96
8) Chloroethane	1.548	64	16456	4.363	ug/L	100
9) Trichlorofluoromethane	1.712	101	36423	4.526	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	20691	4.323	ug/L	98
12) 1,1-Dichloroethene	2.069	96	20431	4.531	ug/L	96
13) Acetone	2.111	43	30154	11.767	ug/L	98
14) Carbon disulfide	2.236	76	58384	4.265	ug/L	98
15) Methyl Acetate	2.372	43	18223	4.139	ug/L	97
16) Methylene chloride	2.442	84	23333	4.586	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	20334	4.343	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	61721	4.191	ug/L	98
19) 1,1-Dichloroethane	3.101	63	41582	4.473	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	21379	4.133	ug/L	98
22) 2-Butanone	3.896	43	26610m	9.556	ug/L	
23) Bromochloromethane	4.140	128	10388	4.091	ug/L #	83
25) Chloroform	4.269	83	42131	4.475	ug/L	98
27) 1,2-Dichloroethane	5.040	62	29712m	4.325	ug/L	
29) Cyclohexane	4.571	56	32039	4.149	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	32325	4.278	ug/L	97
31) Carbon tetrachloride	4.722	117	27666	4.339	ug/L #	45
33) Benzene	5.005	78	79349	4.187	ug/L	100
34) Trichloroethene	5.831	95	21729	4.344	ug/L	98
35) Methylcyclohexane	6.040	83	34559m	4.289	ug/L	
37) 1,2-Dichloropropane	6.092	63	22204m	4.365	ug/L	
38) Bromodichloromethane	6.432	83	27176	4.173	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	31282m	3.953	ug/L	
40) 4-Methyl-2-pentanone	7.166	43	40024m	7.975	ug/L	
42) Toluene	7.313	91	80781	4.094	ug/L	93
44) trans-1,3-Dichloropropene	7.584	75	27417m	3.877	ug/L	

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45) 1,1,2-Trichloroethane	7.767	97	20058	4.241	ug/L	99
46) Tetrachloroethene	7.902	164	15084	4.203	ug/L	96
48) 2-Hexanone	8.088	43	35095m	9.052	ug/L	
49) Dibromochloromethane	8.172	129	19281	4.071	ug/L	90
50) 1,2-Dibromoethane	8.281	107	20177	4.216	ug/L #	94
51) Chlorobenzene	8.812	112	55999	4.287	ug/L	98
52) Ethylbenzene	8.944	91	89462	4.014	ug/L	100
53) m,p-Xylene	9.072	106	31352	3.796	ug/L	97
54) o-Xylene	9.474	106	30888	3.820	ug/L	100
55) Styrene	9.497	104	52130m	3.739	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	27528	3.930	ug/L	93
59) Bromoform	9.664	173	12077	4.019	ug/L #	93
60) Isopropylbenzene	9.863	105	84348	4.036	ug/L	97
61) 1,2,3-Trichloropropane	10.207	75	20924	4.173	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	66102	3.866	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	62530	3.665	ug/L	96
64) 1,3-Dichlorobenzene	11.117	146	41409	4.291	ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	42001	4.253	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	40541	4.273	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	4560	3.647	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	27461	4.090	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	25004	3.955	ug/L	97
71) Naphthalene	13.439	128	56861	3.115	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	24230	3.889	ug/L	96

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

