

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037534.D
 Acq On : 26 Sep 2024 08:46
 Operator : SY/MD
 Sample : VSTD01001
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010201

Quant Time: Sep 27 00:14:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	692933	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	661327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	341786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	60150	9.888	ug/L	0.00
7) Chloroethane-d5	1.532	69	45929	9.727	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	24675	9.709	ug/L	0.00
21) 2-Butanone-d5	3.809	46	36819m	17.376	ug/L	0.02
24) Chloroform-d	4.246	84	101589	9.387	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	60206	9.505	ug/L	0.00
32) Benzene-d6	4.957	84	197576	9.547	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	64229	9.431	ug/L	0.00
41) Toluene-d8	7.239	98	172737	9.205	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	25586	8.358	ug/L	0.00
47) 2-Hexanone-d5	8.040	63	21255m	15.891	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.146	84	68805	8.986	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	66625	9.251	ug/L	0.00
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.108	85	54958	9.316	ug/L	98
3) Chloromethane	1.217	50	54432	9.504	ug/L	99
5) Vinyl chloride	1.285	62	56383	9.183	ug/L	96
6) Bromomethane	1.487	94	30442	8.934	ug/L	99
8) Chloroethane	1.552	64	34868	9.214	ug/L	98
9) Trichlorofluoromethane	1.716	101	76863	9.300	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46731	9.462	ug/L	98
12) 1,1-Dichloroethene	2.072	96	42421	9.196	ug/L	86
13) Acetone	2.114	43	40215	18.934	ug/L	99
14) Carbon disulfide	2.243	76	129703	9.007	ug/L	100
15) Methyl Acetate	2.375	43	32466	8.759	ug/L	97
16) Methylene chloride	2.445	84	49702	9.515	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	44299	9.077	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	125836	8.987	ug/L	99
19) 1,1-Dichloroethane	3.108	63	88316	9.445	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	47584	8.713	ug/L	98
22) 2-Butanone	3.892	43	40526m	17.748	ug/L	
23) Bromochloromethane	4.143	128	26566	9.404	ug/L	97
25) Chloroform	4.275	83	91264	9.427	ug/L	99
27) 1,2-Dichloroethane	5.043	62	60774	8.892	ug/L	97
29) Cyclohexane	4.574	56	66626	8.873	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	74820	9.186	ug/L	99
31) Carbon tetrachloride	4.728	117	63659	8.990	ug/L	98
33) Benzene	5.008	78	182189	9.135	ug/L	100
34) Trichloroethene	5.831	95	48436	9.119	ug/L	98
35) Methylcyclohexane	6.043	83	71161	8.709	ug/L	96
37) 1,2-Dichloropropane	6.092	63	46904	9.107	ug/L #	97
38) Bromodichloromethane	6.432	83	64800	9.412	ug/L	95
39) cis-1,3-Dichloropropene	6.957	75	68645	8.350	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	70249m	17.053	ug/L	
42) Toluene	7.313	91	182597	8.831	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	61303	8.282	ug/L	99

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45) 1,1,2-Trichloroethane	7.767	97	44748	9.048	ug/L	97
46) Tetrachloroethene	7.902	164	37689	9.281	ug/L	95
48) 2-Hexanone	8.082	43	57149m	18.693	ug/L	
49) Dibromochloromethane	8.172	129	45437	8.681	ug/L	98
50) 1,2-Dibromoethane	8.281	107	45626	8.925	ug/L	97
51) Chlorobenzene	8.812	112	129897	9.221	ug/L	99
52) Ethylbenzene	8.944	91	199174	8.558	ug/L	99
53) m,p-Xylene	9.069	106	72663	8.389	ug/L	97
54) o-Xylene	9.474	106	70809	8.373	ug/L	95
55) Styrene	9.493	104	119940	8.147	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	63393	9.194	ug/L	100
59) Bromoform	9.661	173	29544	8.844	ug/L	97
60) Isopropylbenzene	9.860	105	192727	8.673	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	45196	9.293	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	142569	8.115	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	138516	7.924	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	95788	8.956	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	104495	9.382	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	97020	9.176	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	10258	8.689	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	62795	8.538	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	55352	8.111	ug/L	99
71) Naphthalene	13.435	128	133371	7.480	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	55447	8.228	ug/L	95

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

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