

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012125\
 Data File : VX044676.D
 Acq On : 21 Jan 2025 11:16
 Operator : JC/MD
 Sample : VSTD01056
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010656

Quant Time: Jan 22 00:59:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 22 00:56:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	306771	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	261726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	104574	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	26734	10.520	ug/L	0.00
7) Chloroethane-d5	1.648	69	6438m	8.876	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	9159	9.163	ug/L	0.00
21) 2-Butanone-d5	4.464	46	25525	19.414	ug/L	0.01
24) Chloroform-d	5.050	84	44576	10.187	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	29979	10.387	ug/L	0.00
32) Benzene-d6	5.964	84	90306	10.339	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	28136	10.191	ug/L	0.00
41) Toluene-d8	8.646	98	82811	10.605	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	14494	10.244	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	15875	20.015	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	35499	10.667	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.316	152	24307	10.816	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17422m	9.814	ug/L	
3) Chloromethane	1.294	50	22465	10.353	ug/L	98
5) Vinyl chloride	1.373	62	22144	10.183	ug/L	96
6) Bromomethane	1.599	94	5213	10.187	ug/L	99
8) Chloroethane	1.666	64	4375m	10.979	ug/L	
9) Trichlorofluoromethane	1.867	101	19642	9.983	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.324	101	14641	8.873	ug/L	100
12) 1,1-Dichloroethene	2.312	96	13572	8.841	ug/L	96
13) Acetone	2.385	43	13762	17.308	ug/L	95
14) Carbon disulfide	2.501	76	48550	10.077	ug/L	99
15) Methyl Acetate	2.702	43	19025	9.984	ug/L	98
16) Methylene chloride	2.782	84	19243	10.133	ug/L	95
17) trans-1,2-Dichloroethene	3.086	96	17098	9.944	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	63217	10.217	ug/L	99
19) 1,1-Dichloroethane	3.605	63	34999	10.289	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	21116	10.168	ug/L	98
22) 2-Butanone	4.568	43	23774	19.589	ug/L	97
23) Bromochloromethane	4.897	128	10449	10.268	ug/L	95
25) Chloroform	5.086	83	36168	10.376	ug/L	98
27) 1,2-Dichloroethane	6.080	62	26802	9.962	ug/L	98
29) Cyclohexane	5.458	56	30380	9.693	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	29703	10.010	ug/L	96
31) Carbon tetrachloride	5.665	117	25630	10.054	ug/L	99
33) Benzene	6.031	78	76455	10.400	ug/L	100
34) Trichloroethene	7.116	95	18493	9.664	ug/L	98
35) Methylcyclohexane	7.372	83	31440	9.983	ug/L	99
37) 1,2-Dichloropropane	7.427	63	19774	9.953	ug/L	99
38) Bromodichloromethane	7.817	83	27435	10.198	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	34423	10.076	ug/L	96
40) 4-Methyl-2-pentanone	8.573	43	47877	20.094	ug/L	98
42) Toluene	8.713	91	79565	10.447	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	31268	10.116	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.146	97	20862	10.786	ug/L	97
46) Tetrachloroethene	9.274	164	13052	9.957	ug/L	96
48) 2-Hexanone	9.433	43	35840	20.438	ug/L	97
49) Dibromochloromethane	9.518	129	21501	10.735	ug/L	94
50) 1,2-Dibromoethane	9.610	107	20007	10.151	ug/L	98
51) Chlorobenzene	10.079	112	48298	10.278	ug/L	98
52) Ethylbenzene	10.189	91	84545	10.295	ug/L	100
53) m,p-Xylene	10.299	106	31761	10.340	ug/L	98
54) o-Xylene	10.640	106	32335	10.604	ug/L	97
55) Styrene	10.652	104	51221	10.373	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	29685	10.569	ug/L	98
59) Bromoform	10.798	173	14244	10.769	ug/L	99
60) Isopropylbenzene	10.957	105	79399	10.681	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	22553	10.988	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	67426	10.925	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	63486	10.575	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	31083	10.416	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	31474	10.513	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	32614	10.897	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.938	75	6427	10.891	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.109	180	19461	10.011	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	17167	9.806	ug/L	98
71) Naphthalene	13.774	128	68474	10.210	ug/L	99
72) 1,2,3-Trichlorobenzene	13.956	180	17996	10.010	ug/L	98

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

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