Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
Data File : VX044739.D
Acq On : 28 Jan 2025 10:38
Operator : JC/MD
Sample : VSTD05063
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD050663

Quant Time: Jan 28 11:12:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012825WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 11:11:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	313787	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	276098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	124511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	116015	44.190	ug/L	0.00
7) Chloroethane-d5	1.648	69	51818	68.008	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.300	65	51307	50.770	ug/L	0.00
21) 2-Butanone-d5	4.459	46	119954	90.940	ug/L	0.00
24) Chloroform-d	5.050	84	206852	47.038	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	122939	42.793	ug/L	0.00
32) Benzene-d6	5.964	84	429613	47.461	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	135330	47.397	ug/L	0.00
41) Toluene-d8	8.647	98	379048	46.862	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	65978	45.476	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	85070	101.919	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	174242	49.609	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	124281	47.323	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	117437	62.061	ug/L	99
3) Chloromethane	1.307	50	142277	61.944	ug/L	100
5) Vinyl chloride	1.374	62	123173	55.429	ug/L	99
6) Bromomethane	1.593	94	33934	62.612	ug/L	100
8) Chloroethane	1.666	64	56535	95.795	ug/L	95
9) Trichlorofluoromethane	1.874	101	157747	71.654	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	105357	61.562	ug/L	98
12) 1,1-Dichloroethene	2.313	96	100381	62.979	ug/L	98
13) Acetone	2.380	43	101846	121.922	ug/L	99
14) Carbon disulfide	2.502	76	302168	60.139	ug/L	100
15) Methyl Acetate	2.703	43	122078	61.117	ug/L	100
16) Methylene chloride	2.782	84	116107	59.006	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	103725	58.310	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	356957	56.631	ug/L	98
19) 1,1-Dichloroethane	3.605	63	204241	58.223	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	122492	57.333	ug/L	97
22) 2-Butanone	4.556	43	166591	126.534	ug/L	99
23) Bromochloromethane	4.891	128	59182	56.750	ug/L	97
25) Chloroform	5.086	83	198350	55.751	ug/L	99
27) 1,2-Dichloroethane	6.080	62	150461	55.430	ug/L	97
29) Cyclohexane	5.458	56	204368	60.895	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	169414	54.923	ug/L	100
31) Carbon tetrachloride	5.672	117	145729	54.852	ug/L	99
33) Benzene	6.031	78	447100	57.836	ug/L	100
34) Trichloroethene	7.117	95	112712	56.235	ug/L	98
35) Methylcyclohexane	7.373	83	194186	58.528	ug/L	99
37) 1,2-Dichloropropane	7.421	63	119787	57.260	ug/L	99
38) Bromodichloromethane	7.818	83	152176	54.543	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	197093	55.325	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	340444	130.713	ug/L	99
42) Toluene	8.714	91	463155	57.730	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	179089	55.570	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	113927	56.047	ug/L	98
46) Tetrachloroethene	9.269	164	79065	57.457	ug/L	99
48) 2-Hexanone	9.427	43	250256	129.954	ug/L	99
49) Dibromochloromethane	9.519	129	115676	55.195	ug/L	97
50) 1,2-Dibromoethane	9.604	107	119815	57.584	ug/L	96
51) Chlorobenzene	10.073	112	289777	58.061	ug/L	99
52) Ethylbenzene	10.189	91	506484	58.271	ug/L	99
53) m,p-Xylene	10.299	106	190502	58.559	ug/L	100
54) o-Xylene	10.640	106	190239	58.595	ug/L	96
55) Styrene	10.653	104	320906	60.674	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	180555	59.826	ug/L	99
59) Bromoform	10.799	173	82983	53.781	ug/L	100
60) Isopropylbenzene	10.957	105	490341	55.923	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	136667	55.969	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	410547	56.238	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	406277	57.059	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	202554	57.126	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	199406	56.113	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	202471	56.897	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	36593	52.860	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	132592	57.169	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	120640	57.845	ug/L	99
71) Naphthalene	13.774	128	466326	58.583	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	122429	57.285	ug/L	97

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

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