Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	77091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76548	54.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.600%			
35) Dibromofluoromethane	5.373	113	53152	56.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.060%			
50) Toluene-d8	8.647	98	170578	51.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	11.079	95	67546	56.502	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19802	17.176	ug/l	100
3) Chloromethane	1.313	50	19172	16.187	ug/l	99
4) Vinyl Chloride	1.374	62	18020	16.625	ug/l	98
5) Bromomethane	1.593	94	8899	17.315	ug/l	90
6) Chloroethane	1.672	64	11286	19.625	ug/l	97
7) Trichlorofluoromethane	1.874	101	31149	19.271	ug/l	99
8) Diethyl Ether	2.130	74	10936	20.153	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	19835	20.942	ug/l	95
10) Methyl Iodide	2.441	142	21014	17.788	ug/l	96
11) Tert butyl alcohol	2.971	59	23847	125.865	ug/l	99
12) 1,1-Dichloroethene	2.313	96	17147	18.528	ug/l	99
13) Acrolein	2.239	56	24855	95.264	ug/l	99
14) Allyl chloride	2.654	41	35280	20.091	ug/l	98
15) Acrylonitrile	3.062	53	68503	114.540	ug/l	99
16) Acetone	2.380	43	64597	111.586	ug/l	99
17) Carbon Disulfide	2.502	76	30965	13.547	ug/l	97
18) Methyl Acetate	2.703	43	41923	31.454	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	70251	21.699	ug/l	98
20) Methylene Chloride	2.782	84	21419	19.763	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	17388	18.390	ug/l	100
22) Diisopropyl ether	3.757	45	73121	21.139	ug/l #	86
23) Vinyl Acetate	3.721	43	305094	102.087	ug/l	100
24) 1,1-Dichloroethane	3.605	63	39868	20.380	ug/l	99
25) 2-Butanone	4.556	43	99066	116.907	ug/l	99
26) 2,2-Dichloropropane	4.465	77	28118	22.247	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	22576	19.599	ug/l	96
28) Bromochloromethane	4.885	49	21046	22.263	ug/l	98
29) Tetrahydrofuran	5.007	42	61153	111.310	ug/l	99
30) Chloroform	5.093	83	42259	20.994	ug/l	97
31) Cyclohexane	5.464	56	30753	17.783	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	35070	20.590	ug/l	99
36) 1,1-Dichloropropene	5.684	75	24998	19.690	ug/l	98
37) Ethyl Acetate	4.715	43	36276	22.673	ug/l	100
38) Carbon Tetrachloride	5.672	117	29859	21.761	ug/l	95
39) Methylcyclohexane	7.373	83	30124	19.357	ug/l	97
40) Benzene	6.031	78	78100	20.142	ug/l	100

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41) Methacrylonitrile	4.928	41	20886	24.741	ug/l		99
42) 1,2-Dichloroethane	6.080	62	36192	22.599	ug/l		100
43) Isopropyl Acetate	6.336	43	55432	22.859	ug/l		99
44) Trichloroethene	7.123	130	18593	20.175	ug/l		98
45) 1,2-Dichloropropane	7.427	63	20323	21.007	ug/l		100
46) Dibromomethane	7.580	93	16754	22.559	ug/l		98
47) Bromodichloromethane	7.818	83	32842	22.144	ug/l		96
48) Methyl methacrylate	7.696	41	29705	23.725	ug/l		95
49) 1,4-Dioxane	7.659	88	11882	524.532	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	200655	124.822	ug/l		99
52) Toluene	8.714	92	48144	20.520	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	27195	20.484	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	30656	21.995	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	21327	22.811	ug/l		96
56) Ethyl methacrylate	9.116	69	33367	23.060	ug/l		98
57) 1,3-Dichloropropane	9.305	76	37428	22.989	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	82443	112.632	ug/l		99
59) 2-Hexanone	9.427	43	148985	125.154	ug/l		99
60) Dibromochloromethane	9.519	129	23601	23.155	ug/l		97
61) 1,2-Dibromoethane	9.610	107	21044	22.235	ug/l		99
64) Tetrachloroethene	9.269	164	16952	20.089	ug/l		94
65) Chlorobenzene	10.079	112	53134	20.805	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	19451	21.937	ug/l		100
67) Ethyl Benzene	10.189	91	94433	20.646	ug/l		100
68) m/p-Xylenes	10.299	106	68936	41.438	ug/l		99
69) o-Xylene	10.640	106	34475	21.036	ug/l		97
70) Styrene	10.652	104	58136	21.493	ug/l		99
71) Bromoform	10.799	173	14163	21.393	ug/l	#	96
73) Isopropylbenzene	10.957	105	93397	20.114	ug/l		99
74) N-amyl acetate	10.841	43	46998	21.159	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35853	21.980	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30347m	21.461	ug/l		
77) Bromobenzene	11.195	156	21288	19.842	ug/l		100
78) n-propylbenzene	11.299	91	105745	19.771	ug/l		100
79) 2-Chlorotoluene	11.360	91	67959	19.875	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	78107	20.342	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8046	19.312	ug/l		94
82) 4-Chlorotoluene	11.451	91	77828	20.415	ug/l		100
83) tert-Butylbenzene	11.713	119	78473	20.643	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	79237	20.560	ug/l		98
85) sec-Butylbenzene	11.890	105	96175	20.598	ug/l		99
86) p-Isopropyltoluene	12.006	119	79550	20.666	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	40079	20.522	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	40092	20.249	ug/l		97
89) n-Butylbenzene	12.329	91	67485	20.217	ug/l		99
90) Hexachloroethane	12.536	117	13797	20.856	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	40561	20.890	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8302	24.336	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	22099	20.447	ug/l		98
94) Hexachlorobutadiene	13.725	225	9861	21.173	ug/l		97
95) Naphthalene	13.774	128	83334	20.719	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23622	20.872	ug/l		97

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

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