Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 03:35:41 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 :
VX0430WBS01

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	79591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79431	54.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.140%			
35) Dibromofluoromethane	5.379	113	55572	56.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.080%			
50) Toluene-d8	8.647	98	178715	52.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.180%			
62) 4-Bromofluorobenzene	11.079	95	69575	55.677	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	20655	17.353	ug/l	98
3) Chloromethane	1.307	50	20162	16.488	ug/l	98
4) Vinyl Chloride	1.374	62	19329	17.272	ug/l	97
5) Bromomethane	1.593	94	9557	18.011	ug/l	99
6) Chloroethane	1.672	64	11560	19.470	ug/l	98
7) Trichlorofluoromethane	1.874	101	33075	19.820	ug/l	98
8) Diethyl Ether	2.136	74	11018	19.666	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	19906	20.357	ug/l	98
10) Methyl Iodide	2.447	142	22014	18.049	ug/l	95
11) Tert butyl alcohol	2.977	59	23070	117.939	ug/l	100
12) 1,1-Dichloroethene	2.313	96	17690	18.514	ug/l	97
13) Acrolein	2.233	56	24514	91.006	ug/l	100
14) Allyl chloride	2.654	41	36647	20.214	ug/l	98
15) Acrylonitrile	3.062	53	67478	109.282	ug/l	99
16) Acetone	2.386	43	65143	108.994	ug/l	100
17) Carbon Disulfide	2.502	76	31903	13.519	ug/l	98
18) Methyl Acetate	2.703	43	41651	30.268	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71425	21.369	ug/l	98
20) Methylene Chloride	2.782	84	22667	20.258	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	18566	19.019	ug/l	95
22) Diisopropyl ether	3.757	45	74999	21.001	ug/l #	85
23) Vinyl Acetate	3.721	43	305569	99.034	ug/l	98
24) 1,1-Dichloroethane	3.605	63	41234	20.416	ug/l	98
25) 2-Butanone	4.556	43	98463	112.545	ug/l	99
26) 2,2-Dichloropropane	4.471	77	30457	23.341	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24129	20.289	ug/l	98
28) Bromochloromethane	4.897	49	21912	22.451	ug/l	98
29) Tetrahydrofuran	5.007	42	59403	104.729	ug/l	98
30) Chloroform	5.086	83	44895	21.603	ug/l	98
31) Cyclohexane	5.464	56	31971	17.906	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	37155	21.129	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26313	19.828	ug/l	99
37) Ethyl Acetate	4.721	43	35233	21.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	31212	21.762	ug/l	98
39) Methylcyclohexane	7.379	83	31558	19.400	ug/l	96
40) Benzene	6.031	78	81782	20.178	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21012	23.812	ug/l		97
42) 1,2-Dichloroethane	6.086	62	38214	22.828	ug/l		100
43) Isopropyl Acetate	6.342	43	55624	21.945	ug/l		99
44) Trichloroethene	7.123	130	19172	19.902	ug/l		100
45) 1,2-Dichloropropane	7.428	63	22110	21.864	ug/l		95
46) Dibromomethane	7.580	93	16648	21.445	ug/l		97
47) Bromodichloromethane	7.818	83	34537	22.278	ug/l		98
48) Methyl methacrylate	7.696	41	28745	21.964	ug/l		98
49) 1,4-Dioxane	7.659	88	11623	490.868	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	198681	118.239	ug/l		99
52) Toluene	8.714	92	49625	20.234	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	27493	19.886	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	31316	21.496	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	21829	22.336	ug/l		96
56) Ethyl methacrylate	9.116	69	33224	21.967	ug/l		99
57) 1,3-Dichloropropane	9.305	76	37096	21.798	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	82278	107.537	ug/l		100
59) 2-Hexanone	9.427	43	145801	117.173	ug/l		97
60) Dibromochloromethane	9.519	129	23829	22.366	ug/l		97
61) 1,2-Dibromoethane	9.610	107	21647	21.881	ug/l		99
64) Tetrachloroethene	9.269	164	16523	19.003	ug/l		97
65) Chlorobenzene	10.079	112	56077	21.309	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19738	21.604	ug/l		99
67) Ethyl Benzene	10.189	91	97246	20.633	ug/l		99
68) m/p-Xylenes	10.299	106	72902	42.527	ug/l		98
69) o-Xylene	10.640	106	35400	20.963	ug/l		97
70) Styrene	10.653	104	59894	21.489	ug/l		99
71) Bromoform	10.799	173	14723	21.582	ug/l	#	97
73) Isopropylbenzene	10.957	105	96591	20.743	ug/l		99
74) N-amyl acetate	10.842	43	46784	21.003	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36005	22.010	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30299m	21.367	ug/l		
77) Bromobenzene	11.195	156	22344	20.767	ug/l		97
78) n-propylbenzene	11.305	91	109148	20.349	ug/l		100
79) 2-Chlorotoluene	11.360	91	70063	20.433	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	81280	21.108	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8077	19.331	ug/l		93
82) 4-Chlorotoluene	11.451	91	78533	20.541	ug/l		99
83) tert-Butylbenzene	11.713	119	80806	21.196	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	80186	20.747	ug/l		100
85) sec-Butylbenzene	11.890	105	99095	21.163	ug/l		100
86) p-Isopropyltoluene	12.006	119	80817	20.935	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	39864	20.354	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	39715	20.002	ug/l		97
89) n-Butylbenzene	12.329	91	67323	20.111	ug/l		99
90) Hexachloroethane	12.536	117	15013	22.629	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	41948	21.543	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8244	24.098	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	21969	20.269	ug/l		99
94) Hexachlorobutadiene	13.725	225	9928	21.256	ug/l		98
95) Naphthalene	13.774	128	82567	20.470	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	23750	20.926	ug/l		99

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

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