Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046016.D
Acq On : 02 May 2025 10:42
Operator : JC/MD
Sample : VX0502WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS01

Manual Integrations APPROVED

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

Quant Time: May 02 13:01:43 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	77025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65853	46.751	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.500%			
35) Dibromofluoromethane	5.379	113	46078	48.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.060%			
50) Toluene-d8	8.647	98	148519	44.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.700%			
62) 4-Bromofluorobenzene	11.079	95	57169	46.867	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	18208	15.807	ug/l	98
3) Chloromethane	1.307	50	17464	14.758	ug/l	99
4) Vinyl Chloride	1.374	62	16605	15.332	ug/l	98
5) Bromomethane	1.593	94	8271	16.107	ug/l	98
6) Chloroethane	1.672	64	10350	18.013	ug/l	90
7) Trichlorofluoromethane	1.880	101	29005	17.960	ug/l	99
8) Diethyl Ether	2.136	74	9654	17.806	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	18000	19.021	ug/l	99
10) Methyl Iodide	2.447	142	18729	15.867	ug/l	97
11) Tert butyl alcohol	2.971	59	19050	100.632	ug/l	99
12) 1,1-Dichloroethene	2.313	96	15344	16.594	ug/l	98
13) Acrolein	2.233	56	17501	67.135	ug/l	97
14) Allyl chloride	2.660	41	31841	18.148	ug/l	99
15) Acrylonitrile	3.062	53	57088	95.535	ug/l	99
16) Acetone	2.380	43	54306	93.889	ug/l	96
17) Carbon Disulfide	2.508	76	27262	11.937	ug/l	99
18) Methyl Acetate	2.703	43	35356	26.549	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	61697	19.073	ug/l	97
20) Methylene Chloride	2.782	84	19604	18.104	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	15864	16.793	ug/l	97
22) Diisopropyl ether	3.757	45	64313	18.609	ug/l #	79
23) Vinyl Acetate	3.721	43	263281	88.171	ug/l	100
24) 1,1-Dichloroethane	3.605	63	36616	18.734	ug/l	99
25) 2-Butanone	4.556	43	81783	96.594	ug/l	97
26) 2,2-Dichloropropane	4.471	77	26706	21.148	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	20658	17.949	ug/l	96
28) Bromochloromethane	4.891	49	17274	18.289	ug/l	99
29) Tetrahydrofuran	5.007	42	51133	93.152	ug/l	99
30) Chloroform	5.086	83	39213	19.498	ug/l	91
31) Cyclohexane	5.464	56	27291	15.794	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	32100	18.863	ug/l	99
36) 1,1-Dichloropropene	5.690	75	22771	17.578	ug/l	99
37) Ethyl Acetate	4.715	43	29576	18.117	ug/l	98
38) Carbon Tetrachloride	5.666	117	26852	19.179	ug/l	94
39) Methylcyclohexane	7.379	83	26541	16.714	ug/l	98
40) Benzene	6.038	78	71426	18.053	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	16763	19.461	ug/l		98
42) 1,2-Dichloroethane	6.086	62	32248	19.734	ug/l		100
43) Isopropyl Acetate	6.342	43	47040	19.011	ug/l		99
44) Trichloroethene	7.123	130	16810	17.876	ug/l		99
45) 1,2-Dichloropropane	7.428	63	19166	19.415	ug/l		97
46) Dibromomethane	7.580	93	14927	19.698	ug/l		99
47) Bromodichloromethane	7.818	83	29234	19.317	ug/l		98
48) Methyl methacrylate	7.696	41	24704	19.337	ug/l		98
49) 1,4-Dioxane	7.659	88	9331	403.694	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	164578	100.336	ug/l		100
52) Toluene	8.714	92	43414	18.134	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	23928	17.978	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	26809	18.851	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	19232	20.159	ug/l		96
56) Ethyl methacrylate	9.116	69	29007	19.647	ug/l		99
57) 1,3-Dichloropropane	9.305	76	32816	19.754	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	51189	68.537	ug/l		100
59) 2-Hexanone	9.427	43	122026	100.461	ug/l		99
60) Dibromochloromethane	9.519	129	20762	19.963	ug/l		96
61) 1,2-Dibromoethane	9.610	107	18506	19.163	ug/l		98
64) Tetrachloroethene	9.269	164	15533	18.612	ug/l		95
65) Chlorobenzene	10.079	112	48572	19.230	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	17219	19.636	ug/l		100
67) Ethyl Benzene	10.189	91	84667	18.716	ug/l		100
68) m/p-Xylenes	10.299	106	62494	37.983	ug/l		100
69) o-Xylene	10.640	106	30410	18.762	ug/l		95
70) Styrene	10.653	104	51855	19.384	ug/l		99
71) Bromoform	10.799	173	12387	18.918	ug/l	#	95
73) Isopropylbenzene	10.957	105	83306	18.465	ug/l		99
74) N-amyl acetate	10.842	43	38964	18.055	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	30308	19.124	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	25073m	18.250	ug/l		
77) Bromobenzene	11.195	156	19564	18.768	ug/l		96
78) n-propylbenzene	11.299	91	92611	17.822	ug/l		99
79) 2-Chlorotoluene	11.360	91	59979	18.054	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	70804	18.979	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	7203	17.794	ug/l		93
82) 4-Chlorotoluene	11.451	91	68042	18.370	ug/l		99
83) tert-Butylbenzene	11.713	119	68629	18.581	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	70745	18.894	ug/l		97
85) sec-Butylbenzene	11.890	105	85571	18.863	ug/l		99
86) p-Isopropyltoluene	12.006	119	70195	18.769	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	34435	18.148	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	34589	17.981	ug/l		97
89) n-Butylbenzene	12.329	91	58616	18.074	ug/l		98
90) Hexachloroethane	12.536	117	11962	18.611	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	36469	19.331	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6627	19.994	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	19225	18.308	ug/l		98
94) Hexachlorobutadiene	13.719	225	8541	18.875	ug/l		99
95) Naphthalene	13.774	128	70358	18.005	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	20600	18.734	ug/l		99

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

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