Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
Data File : VX045209.D
Acq On : 10 Mar 2025 20:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 04:04:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	89805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76819	53.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.560%			
35) Dibromofluoromethane	5.379	113	58482	54.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	8.647	98	204329	52.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.400%			
62) 4-Bromofluorobenzene	11.079	95	72332	55.762	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	56068	49.599	ug/l	95
3) Chloromethane	1.307	50	66438	48.025	ug/l	97
4) Vinyl Chloride	1.374	62	62817	45.773	ug/l	98
5) Bromomethane	1.593	94	27338	50.673	ug/l	99
6) Chloroethane	1.666	64	34461	54.440	ug/l	100
7) Trichlorofluoromethane	1.874	101	92332	50.823	ug/l	98
8) Diethyl Ether	2.130	74	34202	48.131	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	56114	53.761	ug/l	98
10) Methyl Iodide	2.447	142	71173	54.565	ug/l	98
11) Tert butyl alcohol	2.971	59	61066	225.688	ug/l	100
12) 1,1-Dichloroethene	2.313	96	54950	49.795	ug/l	98
13) Acrolein	2.233	56	74133	237.014	ug/l	99
14) Allyl chloride	2.660	41	104974	53.441	ug/l	97
15) Acrylonitrile	3.063	53	194961	268.846	ug/l	99
16) Acetone	2.380	43	168917	254.865	ug/l	98
17) Carbon Disulfide	2.502	76	132826	45.192	ug/l	97
18) Methyl Acetate	2.703	43	95625	59.975	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	198391	53.586	ug/l	98
20) Methylene Chloride	2.782	84	64617	49.218	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	54883	50.342	ug/l	98
22) Diisopropyl ether	3.758	45	215508	53.946	ug/l	90
23) Vinyl Acetate	3.715	43	929015	278.666	ug/l	100
24) 1,1-Dichloroethane	3.605	63	116765	52.153	ug/l	100
25) 2-Butanone	4.556	43	269878	270.518	ug/l	99
26) 2,2-Dichloropropane	4.465	77	70028	66.684	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	68687	51.038	ug/l	94
28) Bromochloromethane	4.892	49	49831	46.695	ug/l	97
29) Tetrahydrofuran	5.001	42	172809	257.939	ug/l	100
30) Chloroform	5.087	83	117022	52.604	ug/l	97
31) Cyclohexane	5.465	56	100388	51.654	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	94427	52.556	ug/l	99
36) 1,1-Dichloropropene	5.684	75	74357	50.215	ug/l	99
37) Ethyl Acetate	4.709	43	100796	52.826	ug/l	99
38) Carbon Tetrachloride	5.666	117	77847	51.782	ug/l	96
39) Methylcyclohexane	7.373	83	95610	53.885	ug/l	97
40) Benzene	6.032	78	242037	51.762	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	58064	56.278	ug/l		99
42) 1,2-Dichloroethane	6.080	62	91915	54.587	ug/l		98
43) Isopropyl Acetate	6.336	43	159254	56.443	ug/l		100
44) Trichloroethene	7.123	130	57349	52.232	ug/l		99
45) 1,2-Dichloropropane	7.428	63	63296	52.648	ug/l		100
46) Dibromomethane	7.574	93	45791	53.887	ug/l		98
47) Bromodichloromethane	7.818	83	91086	54.648	ug/l		99
48) Methyl methacrylate	7.690	41	80293	56.723	ug/l		96
49) 1,4-Dioxane	7.659	88	28702	961.250	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	541601	285.882	ug/l		100
52) Toluene	8.714	92	144568	52.695	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	81003	58.132	ug/l		96
54) cis-1,3-Dichloropropene	8.367	75	93121	57.309	ug/l		96
55) 1,1,2-Trichloroethane	9.147	97	60107	53.219	ug/l		99
56) Ethyl methacrylate	9.116	69	99177	57.768	ug/l		97
57) 1,3-Dichloropropane	9.305	76	103733	53.072	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	230339	275.041	ug/l		98
59) 2-Hexanone	9.427	43	396595	288.929	ug/l		100
60) Dibromochloromethane	9.519	129	65571	55.525	ug/l		100
61) 1,2-Dibromoethane	9.610	107	60773	53.901	ug/l		100
64) Tetrachloroethene	9.269	164	45070	49.798	ug/l		97
65) Chlorobenzene	10.074	112	154662	51.723	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	52444	52.665	ug/l		99
67) Ethyl Benzene	10.189	91	275315	52.841	ug/l		99
68) m/p-Xylenes	10.299	106	203608	106.750	ug/l		98
69) o-Xylene	10.640	106	101225	52.621	ug/l		99
70) Styrene	10.653	104	170107	54.651	ug/l		99
71) Bromoform	10.799	173	41916	55.820	ug/l	#	99
73) Isopropylbenzene	10.958	105	261410	51.203	ug/l		99
74) N-amyl acetate	10.842	43	133947	55.914	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	95680	51.071	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	79650m	52.319	ug/l		
77) Bromobenzene	11.195	156	60709	50.399	ug/l		97
78) n-propylbenzene	11.299	91	307731	53.359	ug/l		98
79) 2-Chlorotoluene	11.360	91	184579	50.254	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	215110	52.109	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	24197	54.392	ug/l		94
82) 4-Chlorotoluene	11.451	91	211368	52.803	ug/l		99
83) tert-Butylbenzene	11.713	119	217615	51.306	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	219760	52.908	ug/l		100
85) sec-Butylbenzene	11.890	105	273492	53.829	ug/l		99
86) p-Isopropyltoluene	12.006	119	223861	54.521	ug/l		100
87) 1,3-Dichlorobenzene	11.970	146	110444	51.396	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	110057	50.623	ug/l		99
89) n-Butylbenzene	12.329	91	198652	56.174	ug/l		100
90) Hexachloroethane	12.536	117	38405	51.712	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	111119	51.548	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19480	53.372	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	63774	51.957	ug/l		99
94) Hexachlorobutadiene	13.725	225	25562	50.796	ug/l		99
95) Naphthalene	13.774	128	249638	52.935	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	66492	51.350	ug/l		99

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

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

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