Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
Data File : VN084766.D
Acq On : 11 Nov 2024 12:54
Operator : JC\MD
Sample : VN1111WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 04:51:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	167933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	101440	41.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.640%			
35) Dibromofluoromethane	8.165	113	83832	46.014	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.020%			
50) Toluene-d8	10.565	98	300387	44.759	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.520%			
62) 4-Bromofluorobenzene	12.847	95	117186	46.721	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	31118	16.119	ug/l	91
3) Chloromethane	2.359	50	32895	12.638	ug/l	99
4) Vinyl Chloride	2.512	62	31989	15.406	ug/l	97
5) Bromomethane	2.901	94	18435	16.757	ug/l	98
6) Chloroethane	3.071	64	21835	16.041	ug/l	96
7) Trichlorofluoromethane	3.471	101	57579	16.834	ug/l	96
8) Diethyl Ether	3.953	74	20121	16.676	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.353	101	33184	17.170	ug/l	97
10) Methyl Iodide	4.577	142	44513	17.233	ug/l #	83
11) Tert butyl alcohol	5.536	59	27067	84.542	ug/l #	89
12) 1,1-Dichloroethene	4.324	96	30844	16.128	ug/l	91
13) Acrolein	4.177	56	23863	74.746	ug/l	93
14) Allyl chloride	5.018	41	50354	16.236	ug/l	91
15) Acrylonitrile	5.718	53	76491	82.528	ug/l	99
16) Acetone	4.430	43	64503	90.240	ug/l	93
17) Carbon Disulfide	4.700	76	80517	13.672	ug/l	96
18) Methyl Acetate	5.024	43	40630	12.914	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	100798	17.196	ug/l	95
20) Methylene Chloride	5.265	84	36612	17.162	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	31234	15.906	ug/l	93
22) Diisopropyl ether	6.671	45	105182	17.068	ug/l	97
23) Vinyl Acetate	6.600	43	358872	84.444	ug/l	97
24) 1,1-Dichloroethane	6.559	63	62411	16.868	ug/l	98
25) 2-Butanone	7.483	43	97431	86.101	ug/l	99
26) 2,2-Dichloropropane	7.488	77	56410	17.517	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	39395	17.181	ug/l	94
28) Bromochloromethane	7.806	49	32939	22.346	ug/l	89
29) Tetrahydrofuran	7.835	42	61385	81.769	ug/l	94
30) Chloroform	7.965	83	66840	17.749	ug/l	98
31) Cyclohexane	8.253	56	50151	14.976	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	60929	17.776	ug/l	96
36) 1,1-Dichloropropene	8.365	75	43961	17.398	ug/l	98
37) Ethyl Acetate	7.559	43	39564	17.258	ug/l	98
38) Carbon Tetrachloride	8.359	117	53552	18.962	ug/l	94
39) Methylcyclohexane	9.600	83	44034	17.130	ug/l	93
40) Benzene	8.600	78	141800	17.475	ug/l	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23067	18.711 ug/l	98
42) 1,2-Dichloroethane	8.665	62	48176	18.332 ug/l	99
43) Isopropyl Acetate	8.688	43	72107	16.376 ug/l	97
44) Trichloroethene	9.353	130	32999	17.633 ug/l	99
45) 1,2-Dichloropropane	9.618	63	34052	17.889 ug/l	91
46) Dibromomethane	9.706	93	24530	18.263 ug/l	97
47) Bromodichloromethane	9.882	83	52398	18.506 ug/l	93
48) Methyl methacrylate	9.682	41	31523	17.668 ug/l	97
49) 1,4-Dioxane	9.694	88	12374	391.373 ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	203514	93.123 ug/l	98
52) Toluene	10.629	92	87522	18.442 ug/l	99
53) t-1,3-Dichloropropene	10.835	75	49448	16.872 ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	55849	18.005 ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	33617	18.805 ug/l	97
56) Ethyl methacrylate	10.871	69	49258	19.049 ug/l	96
57) 1,3-Dichloropropane	11.165	76	56752	18.498 ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	115516	95.469 ug/l	95
59) 2-Hexanone	11.194	43	150560	94.647 ug/l	98
60) Dibromochloromethane	11.359	129	39477	19.376 ug/l	96
61) 1,2-Dibromoethane	11.465	107	32346	17.669 ug/l	100
64) Tetrachloroethene	11.100	164	29143	18.391 ug/l	96
65) Chlorobenzene	11.888	112	94835	17.794 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35321	19.053 ug/l	98
67) Ethyl Benzene	11.965	91	158600	17.828 ug/l	97
68) m/p-Xylenes	12.071	106	125551	37.278 ug/l	96
69) o-Xylene	12.394	106	60323	19.146 ug/l	99
70) Styrene	12.412	104	99383	18.082 ug/l	99
71) Bromoform	12.576	173	26968	19.333 ug/l #	98
73) Isopropylbenzene	12.694	105	151056	17.513 ug/l	100
74) N-amyl acetate	12.494	43	59614	16.239 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	48794	16.948 ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39212m	15.938 ug/l	
77) Bromobenzene	12.976	156	38355	16.541 ug/l	94
78) n-propylbenzene	13.035	91	175156	17.330 ug/l	98
79) 2-Chlorotoluene	13.123	91	114478	17.334 ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	131426	18.384 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16387	15.801 ug/l	96
82) 4-Chlorotoluene	13.217	91	114060	16.411 ug/l	98
83) tert-Butylbenzene	13.435	119	112196	18.963 ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	134030	18.166 ug/l	98
85) sec-Butylbenzene	13.617	105	147689	17.672 ug/l	100
86) p-Isopropyltoluene	13.729	119	123092	17.959 ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	73601	16.265 ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	72855	16.823 ug/l	99
89) n-Butylbenzene	14.053	91	100465	15.670 ug/l	98
90) Hexachloroethane	14.329	117	25635	16.771 ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	72406	16.651 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9684	16.604 ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	33879	14.234 ug/l	94
94) Hexachlorobutadiene	15.500	225	15881	15.194 ug/l	96
95) Naphthalene	15.641	128	102086	14.330 ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33780	14.621 ug/l	98

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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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