Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110922\
Data File : VN075213.D
Acq On : 09 Nov 2022 13:13
Operator : JC\MD
Sample : VN1109WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Quant Time: Nov 10 02:41:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	113041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	203228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	184715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71752	47.109	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.220%			
35) Dibromofluoromethane	8.171	113	60285	50.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%			
50) Toluene-d8	10.565	98	219523	47.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.860%			
62) 4-Bromofluorobenzene	12.847	95	79088	48.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	22774	15.487	ug/l	94
3) Chloromethane	2.371	50	22070	14.130	ug/l	100
4) Vinyl Chloride	2.524	62	31473	14.124	ug/l	94
5) Bromomethane	2.918	94	28419	14.351	ug/l	94
6) Chloroethane	3.095	64	25525m	15.975	ug/l	
7) Trichlorofluoromethane	3.489	101	40353	17.728	ug/l	91
8) Diethyl Ether	3.971	74	15608	18.799	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	22539	17.929	ug/l	98
10) Methyl Iodide	4.589	142	32208	17.210	ug/l	99
11) Tert butyl alcohol	5.542	59	29967	84.369	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	21167	17.665	ug/l	88
13) Acrolein	4.183	56	20773	71.501	ug/l	99
14) Allyl chloride	5.030	41	29486	16.848	ug/l	95
15) Acrylonitrile	5.730	53	64284	85.676	ug/l	99
16) Acetone	4.436	43	58058	90.024	ug/l	99
17) Carbon Disulfide	4.712	76	44139	14.648	ug/l	98
18) Methyl Acetate	5.036	43	40056	19.015	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	79902	17.941	ug/l	94
20) Methylene Chloride	5.283	84	26243	18.250	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	23323	17.777	ug/l	92
22) Diisopropyl ether	6.677	45	67947	17.593	ug/l #	95
23) Vinyl Acetate	6.612	43	258365m	80.111	ug/l	
24) 1,1-Dichloroethane	6.577	63	43273	17.716	ug/l	99
25) 2-Butanone	7.494	43	85333	84.123	ug/l	97
26) 2,2-Dichloropropane	7.494	77	40660	18.095	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	28776	18.366	ug/l	95
28) Bromochloromethane	7.812	49	18742	18.202	ug/l	94
29) Tetrahydrofuran	7.841	42	52980	80.825	ug/l	96
30) Chloroform	7.971	83	48234	18.188	ug/l	99
31) Cyclohexane	8.259	56	37591	16.594	ug/l #	91
32) 1,1,1-Trichloroethane	8.171	97	44775	18.592	ug/l	97
36) 1,1-Dichloropropene	8.377	75	33124	17.933	ug/l	98
37) Ethyl Acetate	7.565	43	32964	16.274	ug/l	99
38) Carbon Tetrachloride	8.365	117	38241	18.822	ug/l	99
39) Methylcyclohexane	9.600	83	41503	17.020	ug/l	92
40) Benzene	8.606	78	103232	18.254	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	17223	17.747	ug/l		98
42) 1,2-Dichloroethane	8.677	62	36384	17.683	ug/l		96
43) Isopropyl Acetate	8.694	43	53489	17.024	ug/l		98
44) Trichloroethene	9.353	130	29634	20.886	ug/l		100
45) 1,2-Dichloropropane	9.624	63	25191	18.717	ug/l		99
46) Dibromomethane	9.712	93	20231	19.294	ug/l		98
47) Bromodichloromethane	9.888	83	37561	18.498	ug/l		98
48) Methyl methacrylate	9.682	41	24061	16.694	ug/l		97
49) 1,4-Dioxane	9.694	88	14060	372.531	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.447	43	172437	85.047	ug/l		100
52) Toluene	10.629	92	69742	18.448	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	37718	17.598	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	41762	18.371	ug/l		92
55) 1,1,2-Trichloroethane	11.018	97	28173	18.795	ug/l		95
56) Ethyl methacrylate	10.877	69	41152	17.998	ug/l		99
57) 1,3-Dichloropropane	11.165	76	46754	18.729	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.159	63	84494	95.586	ug/l		98
59) 2-Hexanone	11.194	43	133197	86.556	ug/l		99
60) Dibromochloromethane	11.359	129	29271	18.508	ug/l		98
61) 1,2-Dibromoethane	11.471	107	29321	19.087	ug/l		99
64) Tetrachloroethene	11.100	164	30144	26.618	ug/l		89
65) Chlorobenzene	11.888	112	73041	18.525	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.959	131	28412	19.426	ug/l		96
67) Ethyl Benzene	11.965	91	129027	18.189	ug/l		98
68) m/p-Xylenes	12.071	106	103169	36.247	ug/l		99
69) o-Xylene	12.400	106	54240	19.269	ug/l		94
70) Styrene	12.412	104	80744	17.990	ug/l		98
71) Bromoform	12.576	173	19852	18.129	ug/l	#	98
73) Isopropylbenzene	12.694	105	135238	19.158	ug/l		100
74) N-amyl acetate	12.494	43	45316	17.357	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	40157	17.230	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	37259m	19.957	ug/l		
77) Bromobenzene	12.982	156	30509	19.629	ug/l		94
78) n-propylbenzene	13.035	91	149920	18.917	ug/l		100
79) 2-Chlorotoluene	13.123	91	92389	19.077	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	116097	19.582	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	11941	16.419	ug/l		96
82) 4-Chlorotoluene	13.123	91	92389	19.077	ug/l		99
83) tert-Butylbenzene	13.441	119	103237	19.596	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	116503	19.421	ug/l		98
85) sec-Butylbenzene	13.618	105	143679	19.496	ug/l		99
86) p-Isopropyltoluene	13.729	119	119263	19.595	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	60685	19.941	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	59868	19.878	ug/l		98
89) n-Butylbenzene	14.053	91	96177	19.623	ug/l		99
90) Hexachloroethane	14.329	117	20424	18.302	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	60855	20.115	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8323	17.480	ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	28320	21.753	ug/l		99
94) Hexachlorobutadiene	15.500	225	13511	21.288	ug/l		98
95) Naphthalene	15.641	128	101365	20.247	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	27436	21.210	ug/l		95

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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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