Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120825.D
Acq On : 10 Jul 2020 11:39
Operator : JU/CG
Sample : L3216-09
Misc : MDL-MDL-WATER-4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:29 PM

Quant Time: Jul 10 12:21:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:06:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	163656	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	617939	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	305216	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	536328	20.00	ng	0.00
76) Chrysene-d12	14.00	240	374369	20.00	ng	0.00
86) Perylene-d12	15.46	264	316400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1386816	130.81	ng	0.00
7) Phenol-d6	6.48	99	1713185	126.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	822920	77.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	419601	136.84	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1439412	71.35	ng	0.00
79) Terphenyl-d14	12.96	244	1164290	60.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	19741	4.076	ng	95
3) Pyridine	3.43	79	34569	2.606	ng	96
4) n-Nitrosodimethylamine	3.27	42	21526	3.244	ng	96
6) Aniline	6.51	93	63961	3.678	ng	97
8) 2-Chlorophenol	6.63	128	41652	3.690	ng	97
9) Benzaldehyde	6.40	77	36180	4.493	ng	100
10) Phenol	6.49	94	53652	3.852	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	41612	3.672	ng	97
12) 1,3-Dichlorobenzene	6.79	146	45566	3.668	ng	97
13) 1,4-Dichlorobenzene	6.86	146	46563	3.742	ng	96
14) 1,2-Dichlorobenzene	7.02	146	43329	3.660	ng	98
15) Benzyl Alcohol	6.98	79	46288m	4.550	ng	
16) 2,2'-oxybis(1-Chloropropan	7.12	45	60353	3.414	ng	99
17) 2-Methylphenol	7.09	107	32035	3.173	ng	96
18) Hexachloroethane	7.36	117	16738	3.579	ng	90
19) n-Nitroso-di-n-propylamine	7.25	70	28788	3.531	ng	99
20) 3+4-Methylphenols	7.24	107	41246	3.316	ng	95
22) Acetophenone	7.25	105	61262	3.989	ng	96
24) Nitrobenzene	7.42	77	48611	4.059	ng	91
25) Isophorone	7.66	82	74615	3.244	ng	94
26) 2-Nitrophenol	7.74	139	13063	2.984	ng	94
27) 2,4-Dimethylphenol	7.77	122	31637	3.446	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	48467	3.560	ng	96
29) 2,4-Dichlorophenol	7.97	162	30024	3.275	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	35499	3.448	ng	97
31) Naphthalene	8.15	128	124236	3.762	ng	98
32) Benzoic acid	7.82	122	7513	1.512	ng	93
33) 4-Chloroaniline	8.19	127	45748	3.265	ng	93
34) Hexachlorobutadiene	8.27	225	20216	3.265	ng	98
35) Caprolactam	8.52	113	7130	2.670	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	30002	3.147	ng	100
37) 2-Methylnaphthalene	8.84	142	77542	3.612	ng	98
38) 1-Methylnaphthalene	8.94	142	72751	3.618	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	34855	3.779	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	13527	2.482	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	17733	2.821	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	19777	2.835	ng	#	90
46) 1,1'-Biphenyl	9.30	154	99404	4.038	ng		98
47) 2-Chloronaphthalene	9.33	162	68794	3.488	ng		99
48) 2-Nitroaniline	9.42	65	16274	3.084	ng		94
49) Acenaphthylene	9.74	152	106705	3.451	ng		99
50) Dimethylphthalate	9.60	163	74814	3.360	ng		98
51) 2,6-Dinitrotoluene	9.66	165	12900	3.207	ng		89
52) Acenaphthene	9.92	154	64177	3.345	ng		97
53) 3-Nitroaniline	9.82	138	14885	2.995	ng		86
54) 2,4-Dinitrophenol	9.93	184	1629	1.226	ng	#	7
55) Dibenzofuran	10.09	168	99742	3.607	ng		95
56) 4-Nitrophenol	9.97	139	9116	2.498	ng		89
57) 2,4-Dinitrotoluene	10.06	165	14677	3.039	ng		98
58) Fluorene	10.43	166	73498	3.571	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	15498	2.986	ng	#	88
60) Diethylphthalate	10.30	149	75170	3.241	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	35923	3.472	ng		94
62) 4-Nitroaniline	10.43	138	13601	2.875	ng		97
63) Azobenzene	10.59	77	80167	3.379	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	3245	1.883	ng		92
66) n-Nitrosodiphenylamine	10.54	169	60976	3.392	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	18761	3.016	ng	#	85
68) Hexachlorobenzene	10.97	284	20571	3.151	ng		96
69) Atrazine	11.06	200	16289	3.517	ng		99
70) Pentachlorophenol	11.17	266	7545	2.043	ng		97
71) Phenanthrene	11.39	178	102936	3.537	ng		98
72) Anthracene	11.44	178	99543	3.385	ng		98
73) Carbazole	11.59	167	89609	3.171	ng		99
74) Di-n-butylphthalate	11.93	149	94154	2.691	ng		98
75) Fluoranthene	12.57	202	97188	3.135	ng		100
77) Benzidine	12.70	184	29186	2.762	ng	#	92
78) Pyrene	12.80	202	101440	3.393	ng		98
80) Butylbenzylphthalate	13.43	149	27917	2.163	ng		87
81) Benzo(a)anthracene	13.99	228	82351	3.432	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	21824	2.695	ng	#	93
83) Chrysene	14.03	228	80513	3.289	ng		95
84) Bis(2-ethylhexyl)phthalate	13.99	149	45052	2.661	ng		99
85) Di-n-octyl phthalate	14.60	149	55121	1.841	ng		97
87) Indeno(1,2,3-cd)pyrene	16.90	276	62565	3.083	ng		98
88) Benzo(b)fluoranthene	15.03	252	63184	3.038	ng		98
89) Benzo(k)fluoranthene	15.06	252	66042	3.263	ng		98
90) Benzo(a)pyrene	15.40	252	53453	2.881	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	52012	3.075	ng		99
92) Benzo(g,h,i)perylene	17.33	276	53001	3.429	ng		98

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

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