Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120772.D
Acq On : 6 Jul 2020 15:16
Operator : JU/CG
Sample : L2182-07
Misc : LOD-MDL-WATER-01-4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2020

Quant Time: Jul 06 15:47:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 15:38:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136549	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	510367	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	252731	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	452705	20.00	ng		0.00
76) Chrysene-d12	14.00	240	349217	20.00	ng		0.00
86) Perylene-d12	15.47	264	298059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	985159	111.37	ng		0.00
7) Phenol-d6	6.47	99	1204961	106.67	ng		0.00
23) Nitrobenzene-d5	7.41	82	1020773	115.88	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	294102	115.83	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1751241	104.84	ng		0.00
79) Terphenyl-d14	12.96	244	1730272	97.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	15456	3.825	ng		98
3) Pyridine	3.39	79	33831	3.057	ng		99
4) n-Nitrosodimethylamine	3.27	42	20200	3.648	ng		89
6) Aniline	6.51	93	55344	3.815	ng		96
8) 2-Chlorophenol	6.63	128	35683	3.789	ng		91
9) Benzaldehyde	6.39	77	30075	4.476	ng		98
10) Phenol	6.48	94	45941	3.953	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	35118	3.714	ng		98
12) 1,3-Dichlorobenzene	6.79	146	39654	3.825	ng		93
13) 1,4-Dichlorobenzene	6.86	146	39616	3.816	ng		99
14) 1,2-Dichlorobenzene	7.02	146	37731	3.820	ng		96
15) Benzyl Alcohol	6.98	79	30217	3.560	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	53167	3.605	ng		99
17) 2-Methylphenol	7.09	107	28840	3.423	ng		96
18) Hexachloroethane	7.36	117	14479	3.710	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	25726	3.782	ng		95
20) 3+4-Methylphenols	7.24	107	35182	3.390	ng		95
22) Acetophenone	7.25	105	53668	4.231	ng		94
24) Nitrobenzene	7.43	77	42557	4.303	ng		98
25) Isophorone	7.66	82	67790	3.568	ng		100
26) 2-Nitrophenol	7.74	139	7873	2.178	ng	#	87
27) 2,4-Dimethylphenol	7.77	122	29976	3.953	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	42959	3.821	ng	#	96
29) 2,4-Dichlorophenol	7.97	162	24500	3.236	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	30111	3.541	ng		98
31) Naphthalene	8.15	128	107183	3.930	ng		98
32) Benzoic acid	7.82	122	6798	1.656	ng		94
33) 4-Chloroaniline	8.20	127	40122	3.467	ng		97
34) Hexachlorobutadiene	8.27	225	16624	3.251	ng		98
35) Caprolactam	8.52	113	7184	3.257	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	25973	3.298	ng		97
37) 2-Methylnaphthalene	8.84	142	69030	3.893	ng		98
38) 1-Methylnaphthalene	8.94	142	62061	3.737	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	28952	3.790	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	13565	3.006	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	14482	2.782	ng		92
44) 2,4,5-Trichlorophenol	9.15	196	16025	2.774	ng		97
46) 1,1'-Biphenyl	9.30	154	87943	4.314	ng		99
47) 2-Chloronaphthalene	9.33	162	58537	3.584	ng		96
48) 2-Nitroaniline	9.42	65	11917	2.727	ng	#	85
49) Acenaphthylene	9.75	152	95014	3.711	ng		96
50) Dimethylphthalate	9.60	163	64935	3.522	ng		99
51) 2,6-Dinitrotoluene	9.66	165	9446	2.836	ng	#	82
52) Acenaphthene	9.92	154	57319	3.608	ng		98
53) 3-Nitroaniline	9.82	138	11618	2.823	ng	#	87
54) 2,4-Dinitrophenol	9.93	184	979	0.890	ng	#	1
55) Dibenzofuran	10.09	168	86490	3.777	ng		98
56) 4-Nitrophenol	9.97	139	6726	2.225	ng	#	79
57) 2,4-Dinitrotoluene	10.06	165	9968	2.493	ng	#	80
58) Fluorene	10.43	166	66072	3.877	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	11824	2.751	ng	#	85
60) Diethylphthalate	10.30	149	66596	3.468	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	30712	3.585	ng		100
62) 4-Nitroaniline	10.43	138	10946	2.794	ng		97
63) Azobenzene	10.59	77	73914	3.762	ng		95
65) 4,6-Dinitro-2-methylphenol	10.46	198	1973	1.356	ng		86
66) n-Nitrosodiphenylamine	10.54	169	54498	3.592	ng		97
67) 4-Bromophenyl-phenylether	10.92	248	16358	3.115	ng	#	89
68) Hexachlorobenzene	10.97	284	18111	3.287	ng	#	81
69) Atrazine	11.06	200	15854	4.056	ng		98
70) Pentachlorophenol	11.17	266	6471	2.076	ng	#	86
71) Phenanthrene	11.39	178	94382	3.842	ng		98
72) Anthracene	11.44	178	94232	3.796	ng		98
73) Carbazole	11.59	167	84444	3.540	ng		98
74) Di-n-butylphthalate	11.93	149	91708	3.105	ng		98
75) Fluoranthene	12.58	202	91138	3.483	ng		97
77) Benzidine	12.70	184	37844	3.839	ng	#	95
78) Pyrene	12.81	202	95359	3.419	ng		96
80) Butylbenzylphthalate	13.43	149	27560	2.289	ng		86
81) Benzo(a)anthracene	14.00	228	82696	3.694	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	24109	3.191	ng	#	96
83) Chrysene	14.03	228	77436	3.391	ng		95
84) Bis(2-ethylhexyl)phthalate	14.00	149	47398	3.002	ng		98
85) Di-n-octyl phthalate	14.61	149	59048	2.114	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.91	276	56079	2.933	ng		96
88) Benzo(b)fluoranthene	15.04	252	63272	3.229	ng		96
89) Benzo(k)fluoranthene	15.07	252	68550	3.595	ng		96
90) Benzo(a)pyrene	15.40	252	52801	3.021	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	46248	2.902	ng	#	93
92) Benzo(g,h,i)perylene	17.34	276	46175	3.171	ng	#	94

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

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