Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123780.D
Acq On : 3 May 2021 15:04
Operator : JU/CG
Sample : M1458-09
Misc : MDL-WATER-08PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
5/4/2021 2:57:36 PM

Quant Time: May 03 15:26:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 03 14:28:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	204290	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	731425	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	349951	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	655207	20.00	ng		0.00
76) Chrysene-d12	13.974	240	505988	20.00	ng		-0.01
86) Perylene-d12	15.427	264	377191	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1550256	120.22	ng		0.00
7) Phenol-d6	6.445	99	2087798	117.53	ng		0.00
23) Nitrobenzene-d5	7.369	82	1382549	85.33	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	536796	123.22	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	2068979	86.10	ng		0.00
79) Terphenyl-d14	12.921	244	2161688	82.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	51770	7.45	ng		98
3) Pyridine	3.293	79	112617	6.63	ng		93
4) n-Nitrosodimethylamine	3.181	42	75873	8.11	ng		95
6) Aniline	6.469	93	187833	9.14	ng		98
8) 2-Chlorophenol	6.592	128	111621	8.05	ng		94
9) Benzaldehyde	6.357	77	109223	12.70	ng		98
10) Phenol	6.457	94	160752	8.42	ng		97
11) bis(2-Chloroethyl)ether	6.545	93	115233	8.27	ng		95
12) 1,3-Dichlorobenzene	6.745	146	118045	8.42	ng		96
13) 1,4-Dichlorobenzene	6.822	146	120620	8.51	ng		98
14) 1,2-Dichlorobenzene	6.981	146	108882	7.91	ng		99
15) Benzyl Alcohol	6.945	79	123179	8.85	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	255856	8.64	ng		98
17) 2-Methylphenol	7.057	107	94973	8.03	ng		97
18) Hexachloroethane	7.322	117	46051	8.20	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	87238	7.95	ng		98
20) 3+4-Methylphenols	7.216	107	126802	8.43	ng	#	78
22) Acetophenone	7.210	105	179841	9.05	ng		95
24) Nitrobenzene	7.387	77	137999	8.18	ng		96
25) Isophorone	7.622	82	227355	7.48	ng		98
26) 2-Nitrophenol	7.704	139	53617	7.78	ng		96
27) 2,4-Dimethylphenol	7.745	122	96811	8.95	ng		96
28) bis(2-Chloroethoxy)met...	7.839	93	137664	8.89	ng		98
29) 2,4-Dichlorophenol	7.951	162	87013	8.16	ng		89
30) 1,2,4-Trichlorobenzene	8.034	180	92763	8.30	ng		96
31) Naphthalene	8.110	128	326498	8.67	ng		98
32) Benzoic acid	7.828	122	20780	3.05	ng		94
33) 4-Chloroaniline	8.157	127	131787	8.39	ng		99
34) Hexachlorobutadiene	8.234	225	57193	8.40	ng		98
35) Caprolactam	8.486	113	27131	7.25	ng		97
36) 4-Chloro-3-methylphenol	8.639	107	102426	7.70	ng		94
37) 2-Methylnaphthalene	8.804	142	207828	8.47	ng		99
38) 1-Methylnaphthalene	8.904	142	192927	8.36	ng		97
40) 1,2,4,5-Tetrachloroben...	8.969	216	94401	9.17	ng		98
41) Hexachlorocyclopentadiene	8.957	237	26889	6.58	ng		92
43) 2,4,6-Trichlorophenol	9.081	196	53138	7.49	ng		98

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44) 2,4,5-Trichlorophenol	9.122	196	57031	7.49	ng		96
46) 1,1'-Biphenyl	9.269	154	261165	9.11	ng		97
47) 2-Chloronaphthalene	9.292	162	188340	8.71	ng		96
48) 2-Nitroaniline	9.386	65	72311	7.59	ng		93
49) Acenaphthylene	9.704	152	306081	8.77	ng		100
50) Dimethylphthalate	9.563	163	208262	8.45	ng		98
51) 2,6-Dinitrotoluene	9.622	165	43471	7.63	ng		97
52) Acenaphthene	9.881	154	180435	8.49	ng		98
53) 3-Nitroaniline	9.792	138	51013	7.50	ng		97
54) 2,4-Dinitrophenol	9.904	184	8026	2.65	ng		96
55) Dibenzofuran	10.051	168	280619	8.73	ng		94
56) 4-Nitrophenol	9.957	139	30704	6.19	ng		97
57) 2,4-Dinitrotoluene	10.028	165	59040	7.60	ng		96
58) Fluorene	10.392	166	212809	8.61	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	44213	7.34	ng		94
60) Diethylphthalate	10.263	149	218663	8.33	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	100738	8.75	ng		95
62) 4-Nitroaniline	10.398	138	50187	7.44	ng		90
63) Azobenzene	10.545	77	240998	7.99	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	20813	5.13	ng		96
66) n-Nitrosodiphenylamine	10.504	169	182678	8.52	ng		97
67) 4-Bromophenyl-phenylether	10.875	248	57940	8.40	ng		93
68) Hexachlorobenzene	10.939	284	67541	8.60	ng		97
69) Atrazine	11.028	200	52845	8.16	ng		98
70) Pentachlorophenol	11.139	266	19488	4.87	ng		97
71) Phenanthrene	11.357	178	303885	8.84	ng		99
72) Anthracene	11.404	178	308113	9.02	ng		99
73) Carbazole	11.563	167	278775	8.07	ng		99
74) Di-n-butylphthalate	11.898	149	310303	8.00	ng		98
75) Fluoranthene	12.545	202	306909	8.19	ng		97
77) Benzidine	12.663	184	160727	12.27	ng		97
78) Pyrene	12.774	202	321953	8.20	ng		99
80) Butylbenzylphthalate	13.392	149	113492	6.76	ng		99
81) Benzo(a)anthracene	13.963	228	245020	7.99	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	80927	8.59	ng	#	99
83) Chrysene	13.998	228	247906	8.04	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	141264	6.78	ng		98
85) Di-n-octyl phthalate	14.568	149	194127	5.82	ng		99
87) Indeno(1,2,3-cd)pyrene	16.868	276	178126	8.11	ng		96
88) Benzo(b)fluoranthene	15.004	252	185995m	7.32	ng		
89) Benzo(k)fluoranthene	15.033	252	198166	8.17	ng		100
90) Benzo(a)pyrene	15.363	252	178711	8.22	ng		97
91) Dibenzo(a,h)anthracene	16.880	278	148171	7.99	ng		97
92) Benzo(g,h,i)perylene	17.298	276	143980	7.75	ng	#	95

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

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