Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
Data File : BF124960.D
Acq On : 6 Aug 2021 13:03
Operator : JU/CG
Sample : M2262-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2021

Quant Time: Aug 06 13:27:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	6948	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	25348	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	14601	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	25851	20.000	ng		0.00
76) Chrysene-d12	13.986	240	19364	20.000	ng		0.00
86) Perylene-d12	15.445	264	17175	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	46915	110.610	ng		0.00
7) Phenol-d6	6.463	99	60050	112.281	ng		0.00
23) Nitrobenzene-d5	7.392	82	33426	68.984	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	14557	111.595	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	67405	67.550	ng		0.00
79) Terphenyl-d14	12.939	244	85814	74.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	406	2.559	ng	#	100
6) Aniline	6.492	93	2674	4.733	ng		91
8) 2-Chlorophenol	6.610	128	1759	3.781	ng		83
9) Benzaldehyde	6.381	77	1445	4.966	ng		90
10) Phenol	6.469	94	1825	3.307	ng		78
11) bis(2-Chloroethyl)ether	6.563	93	1691	4.085	ng		98
12) 1,3-Dichlorobenzene	6.769	146	1899	3.750	ng		92
13) 1,4-Dichlorobenzene	6.845	146	2000	3.951	ng		92
14) 1,2-Dichlorobenzene	6.998	146	1811	3.817	ng		99
15) Benzyl Alcohol	6.963	79	1457	3.777	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.104	45	2568	3.872	ng		75
17) 2-Methylphenol	7.075	107	1326	3.807	ng		94
18) Hexachloroethane	7.339	117	833	4.203	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	1327	4.182	ng	#	78
20) 3+4-Methylphenols	7.228	107	1575	3.407	ng	#	77
22) Acetophenone	7.234	105	2418	3.895	ng	#	88
24) Nitrobenzene	7.410	77	1787	3.811	ng		98
25) Isophorone	7.645	82	2990	3.615	ng	#	91
26) 2-Nitrophenol	7.728	139	788	3.310	ng	#	65
27) 2,4-Dimethylphenol	7.757	122	1472	4.361	ng	#	74
28) bis(2-Chloroethoxy)met...	7.857	93	2130	4.525	ng	#	83
29) 2,4-Dichlorophenol	7.963	162	1461	3.885	ng		88
30) 1,2,4-Trichlorobenzene	8.051	180	1551	3.681	ng		92
31) Naphthalene	8.133	128	5337	4.098	ng	#	95
32) Benzoic acid	7.857	122	260	8.539	ng	#	1
33) 4-Chloroaniline	8.181	127	1992	4.104	ng	#	91
34) Hexachlorobutadiene	8.251	225	1023	4.065	ng		95
35) Caprolactam	8.504	113	225	2.253	ng	#	82
36) 4-Chloro-3-methylphenol	8.651	107	1465	3.724	ng	#	71
37) 2-Methylnaphthalene	8.822	142	3623	4.138	ng		93
38) 1-Methylnaphthalene	8.922	142	3330	4.064	ng		94
40) 1,2,4,5-Tetrachloroben...	8.986	216	1681	4.011	ng	#	84
41) Hexachlorocyclopentadiene	8.975	237	147	6.249	ng		82
43) 2,4,6-Trichlorophenol	9.098	196	824	2.953	ng		90
44) 2,4,5-Trichlorophenol	9.139	196	1066	3.775	ng	#	82
46) 1,1'-Biphenyl	9.286	154	4297	3.949	ng		85

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	9.310	162	3529	4.077	ng		93
48)	2-Nitroaniline	9.404	65	941	3.701	ng		86
49)	Acenaphthylene	9.727	152	5170	3.932	ng	#	92
50)	Dimethylphthalate	9.580	163	4017	4.060	ng	#	93
51)	2,6-Dinitrotoluene	9.645	165	833	3.781	ng		94
52)	Acenaphthene	9.898	154	3036	3.809	ng		98
53)	3-Nitroaniline	9.816	138	706	3.042	ng	#	91
55)	Dibenzofuran	10.069	168	4760	3.821	ng		96
56)	4-Nitrophenol	9.975	139	321	2.098	ng		91
57)	2,4-Dinitrotoluene	10.045	165	858	2.868	ng		92
58)	Fluorene	10.410	166	3980	4.166	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.186	232	608	2.869	ng	#	66
60)	Diethylphthalate	10.280	149	3924	3.865	ng		96
61)	4-Chlorophenyl-phenyle...	10.404	204	1817	4.028	ng	#	90
62)	4-Nitroaniline	10.422	138	830	3.684	ng	#	81
63)	Azobenzene	10.563	77	3630	3.656	ng		97
65)	4,6-Dinitro-2-methylph...	10.457	198	387	2.390	ng	#	22
66)	n-Nitrosodiphenylamine	10.522	169	3141	3.749	ng		99
67)	4-Bromophenyl-phenylether	10.892	248	932	3.292	ng	#	75
68)	Hexachlorobenzene	10.957	284	1249	4.055	ng	#	87
69)	Atrazine	11.039	200	999	3.968	ng		95
70)	Pentachlorophenol	11.151	266	108	4.300	ng	#	17
71)	Phenanthrene	11.374	178	5567	3.970	ng	#	92
72)	Anthracene	11.427	178	5903	4.196	ng		95
73)	Carbazole	11.580	167	4839	3.751	ng		99
74)	Di-n-butylphthalate	11.910	149	6650	4.056	ng		99
75)	Fluoranthene	12.563	202	5896	4.064	ng		99
77)	Benzidine	12.680	184	3053	5.892	ng		96
78)	Pyrene	12.786	202	5752	3.771	ng		99
80)	Butylbenzylphthalate	13.404	149	2510	3.698	ng	#	94
81)	Benzo(a)anthracene	13.974	228	5222	4.138	ng		96
82)	3,3'-Dichlorobenzidine	13.939	252	1754	5.272	ng	#	91
83)	Chrysene	14.010	228	4785	3.923	ng		95
84)	Bis(2-ethylhexyl)phtha...	13.962	149	3505	3.722	ng	#	95
85)	Di-n-octyl phthalate	14.574	149	5683	3.826	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	16.886	276	3496	3.418	ng	#	89
88)	Benzo(b)fluoranthene	15.015	252	4820	3.997	ng		95
89)	Benzo(k)fluoranthene	15.045	252	3911	3.565	ng		98
90)	Benzo(a)pyrene	15.380	252	3921	3.818	ng	#	93
91)	Dibenzo(a,h)anthracene	16.909	278	2844	3.163	ng	#	79
92)	Benzo(g,h,i)perylene	17.333	276	2767	3.208	ng	#	72

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

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