Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
Data File : BF124553.D
Acq On : 13 Jul 2021 19:09
Operator : JU/CG
Sample : M2940-07
Misc : LOD-MDL-WATER 4 ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:58 PM

Quant Time: Jul 14 02:38:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 02:38:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	8652	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	33864	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	18356	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	32280	20.000	ng		0.00
76) Chrysene-d12	14.092	240	20429	20.000	ng		0.00
86) Perylene-d12	15.586	264	15175	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	48349	96.819	ng		0.00
7) Phenol-d6	6.545	99	60265	99.204	ng		0.00
23) Nitrobenzene-d5	7.486	82	29044	54.142	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	13681	95.776	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	70692	56.159	ng		0.00
79) Terphenyl-d14	13.045	244	69797	57.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	510	3.122	ng	#	100
3) Pyridine	3.628	79	824	1.967	ng	#	13
4) n-Nitrosodimethylamine	3.493	42	965	2.834	ng		88
6) Aniline	6.587	93	2602	4.065	ng	#	80
8) 2-Chlorophenol	6.710	128	1952	3.487	ng		93
9) Benzaldehyde	6.475	77	1338	3.754	ng		86
10) Phenol	6.557	94	2165	3.650	ng		98
11) bis(2-Chloroethyl)ether	6.657	93	1644	3.575	ng		90
12) 1,3-Dichlorobenzene	6.863	146	2299	3.752	ng		95
13) 1,4-Dichlorobenzene	6.939	146	2405	3.843	ng		96
14) 1,2-Dichlorobenzene	7.098	146	2349	3.949	ng		99
15) Benzyl Alcohol	7.057	79	1120	2.665	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.198	45	2894	3.652	ng		75
17) 2-Methylphenol	7.157	107	1363	3.326	ng		90
18) Hexachloroethane	7.439	117	767	3.254	ng	#	81
19) n-Nitroso-di-n-propyla...	7.328	70	1199	3.511	ng	#	95
20) 3+4-Methylphenols	7.310	107	1736	3.218	ng	#	75
22) Acetophenone	7.322	105	2801	3.645	ng	#	94
24) Nitrobenzene	7.498	77	1604	3.015	ng	#	86
25) Isophorone	7.734	82	3124	3.172	ng	#	87
26) 2-Nitrophenol	7.816	139	911	3.175	ng	#	64
27) 2,4-Dimethylphenol	7.845	122	1855	3.901	ng		93
28) bis(2-Chloroethoxy)met...	7.951	93	2247	3.912	ng	#	88
29) 2,4-Dichlorophenol	8.051	162	1442	2.940	ng		84
30) 1,2,4-Trichlorobenzene	8.145	180	1983	3.654	ng		87
31) Naphthalene	8.228	128	6234	3.559	ng	#	93
32) Benzoic acid	7.881	122	389	1.174	ng	#	57
33) 4-Chloroaniline	8.269	127	2247	3.395	ng		96
34) Hexachlorobutadiene	8.345	225	943	3.078	ng		89
35) Caprolactam	8.598	113	269	2.169	ng		89
36) 4-Chloro-3-methylphenol	8.739	107	1567	3.231	ng		96
37) 2-Methylnaphthalene	8.916	142	4121	3.487	ng		93
38) 1-Methylnaphthalene	9.016	142	3974	3.580	ng		100
40) 1,2,4,5-Tetrachloroben...	9.080	216	1963	4.010	ng	#	85
41) Hexachlorocyclopentadiene	9.075	237	1296	4.238	ng		94
43) 2,4,6-Trichlorophenol	9.192	196	1138	3.220	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	1047	2.872	ng	#	94
46) 1,1'-Biphenyl	9.380	154	5181	3.716	ng		98
47) 2-Chloronaphthalene	9.410	162	3670	3.358	ng		91
48) 2-Nitroaniline	9.492	65	846	3.219	ng	#	84
49) Acenaphthylene	9.822	152	6145	3.603	ng		97
50) Dimethylphthalate	9.675	163	4363	3.416	ng	#	92
51) 2,6-Dinitrotoluene	9.739	165	778	3.090	ng	#	89
52) Acenaphthene	9.998	154	3628	3.326	ng		98
53) 3-Nitroaniline	9.904	138	822	2.926	ng	#	64
54) 2,4-Dinitrophenol	10.004	184	261	1.987	ng	#	1
55) Dibenzofuran	10.169	168	5447	3.397	ng		97
56) 4-Nitrophenol	10.045	139	682	2.917	ng	#	79
57) 2,4-Dinitrotoluene	10.133	165	1038	3.012	ng		93
58) Fluorene	10.510	166	4243	3.421	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.280	232	703	2.497	ng	#	91
60) Diethylphthalate	10.380	149	4582	3.431	ng	#	93
61) 4-Chlorophenyl-phenyle...	10.504	204	2059	3.657	ng		96
62) 4-Nitroaniline	10.510	138	801	2.829	ng		88
63) Azobenzene	10.663	77	3894	3.336	ng		99
65) 4,6-Dinitro-2-methylph...	10.539	198	355	1.925	ng	#	22
66) n-Nitrosodiphenylamine	10.622	169	3560	3.387	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	1005	3.011	ng	#	68
68) Hexachlorobenzene	11.057	284	1134	3.316	ng		94
69) Atrazine	11.139	200	1141	3.544	ng		84
70) Pentachlorophenol	11.245	266	668	3.088	ng		87
71) Phenanthrene	11.474	178	6220m	3.532	ng		
72) Anthracene	11.527	178	6441	3.646	ng		98
73) Carbazole	11.674	167	5580	3.418	ng		98
74) Di-n-butylphthalate	12.010	149	7331	3.334	ng		100
75) Fluoranthene	12.663	202	5879	3.309	ng		94
77) Benzidine	12.780	184	3056	4.001	ng		98
78) Pyrene	12.892	202	5819	3.428	ng		94
80) Butylbenzylphthalate	13.510	149	2813	3.428	ng		97
81) Benzo(a)anthracene	14.080	228	4494	3.317	ng		95
82) 3,3'-Dichlorobenzidine	14.039	252	1779	5.013	ng	#	92
83) Chrysene	14.115	228	4497	3.465	ng		94
84) Bis(2-ethylhexyl)phtha...	14.068	149	3417	3.101	ng	#	92
85) Di-n-octyl phthalate	14.686	149	4708	2.953	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	2867	3.258	ng	#	65
88) Benzo(b)fluoranthene	15.139	252	3644	3.346	ng		97
89) Benzo(k)fluoranthene	15.168	252	3136	3.138	ng	#	96
90) Benzo(a)pyrene	15.515	252	2975	3.309	ng	#	90
91) Dibenzo(a,h)anthracene	17.109	278	2512	3.353	ng	#	54
92) Benzo(g,h,i)perylene	17.545	276	2115	2.892	ng	#	70

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

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