Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
Data File : BF123771.D
Acq On : 30 Apr 2021 15:26
Operator : JU/CG
Sample : M1458-07
Misc : LOD-MDL-WATER-8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
mohammad
5/3/2021 10:49:58 AM

Quant Time: Apr 30 15:47:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	214471	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	756035	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	371750	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	690406	20.00	ng		0.00
76) Chrysene-d12	13.974	240	500229	20.00	ng		-0.01
86) Perylene-d12	15.433	264	376561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1644138	121.45	ng		0.00
7) Phenol-d6	6.445	99	2236660	119.94	ng		0.00
23) Nitrobenzene-d5	7.375	82	1478302	88.27	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	579792	125.28	ng		0.00
45) 2-Fluorobiphenyl	9.174	172	2206382	86.43	ng		0.00
79) Terphenyl-d14	12.927	244	2289984	88.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	55137	7.56	ng		99
3) Pyridine	3.287	79	112240	6.30	ng		92
4) n-Nitrosodimethylamine	3.175	42	80435	8.19	ng	#	93
6) Aniline	6.469	93	198052	9.18	ng		98
8) 2-Chlorophenol	6.592	128	121107	8.32	ng		97
9) Benzaldehyde	6.357	77	112805	12.50	ng		97
10) Phenol	6.457	94	162231	8.10	ng		93
11) bis(2-Chloroethyl)ether	6.545	93	126496	8.65	ng		97
12) 1,3-Dichlorobenzene	6.745	146	124456	8.46	ng		97
13) 1,4-Dichlorobenzene	6.822	146	128559	8.64	ng		96
14) 1,2-Dichlorobenzene	6.981	146	120875	8.36	ng		99
15) Benzyl Alcohol	6.945	79	135655	9.28	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.086	45	272787	8.77	ng		99
17) 2-Methylphenol	7.057	107	104470	8.42	ng		96
18) Hexachloroethane	7.322	117	50216	8.52	ng		96
19) n-Nitroso-di-n-propyla...	7.216	70	95901	8.33	ng		99
20) 3+4-Methylphenols	7.216	107	134829	8.54	ng	#	80
22) Acetophenone	7.210	105	190486	9.27	ng		94
24) Nitrobenzene	7.386	77	151743	8.70	ng		95
25) Isophorone	7.622	82	254448	8.10	ng		98
26) 2-Nitrophenol	7.704	139	58460	8.21	ng		95
27) 2,4-Dimethylphenol	7.745	122	107943	9.65	ng		94
28) bis(2-Chloroethoxy)met...	7.839	93	149204	9.32	ng		98
29) 2,4-Dichlorophenol	7.951	162	90566	8.22	ng		96
30) 1,2,4-Trichlorobenzene	8.033	180	103465	8.96	ng		98
31) Naphthalene	8.116	128	348168	8.94	ng		99
32) Benzoic acid	7.827	122	19044	7.59	ng	#	73
33) 4-Chloroaniline	8.163	127	148004	9.11	ng		95
34) Hexachlorobutadiene	8.233	225	62861	8.93	ng		96
35) Caprolactam	8.492	113	28831	7.45	ng	#	87
36) 4-Chloro-3-methylphenol	8.639	107	114788	8.35	ng		99
37) 2-Methylnaphthalene	8.804	142	228441	9.00	ng		100
38) 1-Methylnaphthalene	8.904	142	206357	8.65	ng		98
40) 1,2,4,5-Tetrachloroben...	8.969	216	102501	9.37	ng		96
41) Hexachlorocyclopentadiene	8.963	237	28934	8.72	ng		96
43) 2,4,6-Trichlorophenol	9.080	196	57836	7.68	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	65108	8.05	ng		96
46) 1,1'-Biphenyl	9.269	154	281243	9.23	ng		99
47) 2-Chloronaphthalene	9.292	162	202763	8.83	ng		99
48) 2-Nitroaniline	9.386	65	80346	7.94	ng		97
49) Acenaphthylene	9.704	152	331967	8.96	ng		99
50) Dimethylphthalate	9.563	163	228614	8.73	ng		98
51) 2,6-Dinitrotoluene	9.627	165	48235	7.97	ng		87
52) Acenaphthene	9.880	154	199187	8.82	ng		99
53) 3-Nitroaniline	9.792	138	59177	8.18	ng		99
54) 2,4-Dinitrophenol	9.904	184	10026	3.12	ng		95
55) Dibenzofuran	10.051	168	292556	8.56	ng		96
56) 4-Nitrophenol	9.957	139	34333	6.52	ng		95
57) 2,4-Dinitrotoluene	10.027	165	62887	7.62	ng		90
58) Fluorene	10.392	166	230882	8.80	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	44865	7.01	ng	#	99
60) Diethylphthalate	10.269	149	237782	8.53	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	113900	9.31	ng		93
62) 4-Nitroaniline	10.398	138	54160	7.56	ng		98
63) Azobenzene	10.551	77	266435	8.32	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	24194	5.66	ng	#	78
66) n-Nitrosodiphenylamine	10.504	169	198961	8.81	ng		98
67) 4-Bromophenyl-phenylether	10.880	248	61376	8.44	ng		90
68) Hexachlorobenzene	10.945	284	74676	9.02	ng		99
69) Atrazine	11.027	200	61819	9.05	ng		98
70) Pentachlorophenol	11.139	266	22360	5.30	ng		95
71) Phenanthrene	11.357	178	328992	9.08	ng		98
72) Anthracene	11.410	178	335385	9.31	ng		96
73) Carbazole	11.563	167	308807	8.49	ng		99
74) Di-n-butylphthalate	11.898	149	339908	8.32	ng		99
75) Fluoranthene	12.545	202	332190	8.41	ng		97
77) Benzidine	12.668	184	186209	14.37	ng		99
78) Pyrene	12.774	202	343549	8.85	ng		97
80) Butylbenzylphthalate	13.398	149	122124	7.36	ng		97
81) Benzo(a)anthracene	13.962	228	255587	8.43	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	91665	9.85	ng		99
83) Chrysene	14.004	228	252260	8.27	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	153534	7.45	ng		99
85) Di-n-octyl phthalate	14.574	149	222979	6.77	ng		98
87) Indeno(1,2,3-cd)pyrene	16.868	276	178310	8.13	ng		98
88) Benzo(b)fluoranthene	15.009	252	203992m	8.04	ng		
89) Benzo(k)fluoranthene	15.039	252	208393	8.60	ng		95
90) Benzo(a)pyrene	15.368	252	186663	8.60	ng		95
91) Dibenzo(a,h)anthracene	16.886	278	157226	8.49	ng		97
92) Benzo(g,h,i)perylene	17.309	276	152059	8.20	ng	#	96

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

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