Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
Data File : BG054276.D
Acq On : 13 Jul 2022 19:36
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Quant Time: Jul 14 03:57:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 03:56:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.043	152	19080	20.000	ng		0.00
21) Naphthalene-d8	10.845	136	72677	20.000	ng	#	0.00
39) Acenaphthene-d10	14.670	164	60140	20.000	ng		0.00
64) Phenanthrene-d10	17.408	188	162234	20.000	ng	#	-0.01
76) Chrysene-d12	21.685	240	208057	20.000	ng	#	0.00
86) Perylene-d12	24.917	264	220636	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	100302	105.616	ng		0.00
7) Phenol-d6	7.208	99	141441	107.983	ng		0.00
23) Nitrobenzene-d5	9.200	82	108298	80.864	ng		0.00
42) 2,4,6-Tribromophenol	16.157	330	139741	119.952	ng		0.00
45) 2-Fluorobiphenyl	13.289	172	352364	86.090	ng		0.00
79) Terphenyl-d14	20.023	244	819485	80.996	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.495	88	2548	6.135	ng		90
3) Pyridine	3.894	79	5657	5.454	ng		97
4) n-Nitrosodimethylamine	3.812	42	3472	6.625	ng	#	62
6) Aniline	7.361	93	10572	6.866	ng		92
8) 2-Chlorophenol	7.608	128	7373	6.927	ng		94
9) Benzaldehyde	7.179	77	6667	8.476	ng	#	82
10) Phenol	7.232	94	8542	6.464	ng	#	71
11) bis(2-Chloroethyl)ether	7.455	93	6326	6.491	ng		90
12) 1,3-Dichlorobenzene	7.931	146	9295m	7.192	ng		
13) 1,4-Dichlorobenzene	8.078	146	9740	7.354	ng		92
14) 1,2-Dichlorobenzene	8.395	146	9641	7.581	ng		93
15) Benzyl Alcohol	8.278	79	7176	6.796	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.565	45	7992	5.906	ng		79
17) 2-Methylphenol	8.489	107	6137	6.500	ng		93
18) Hexachloroethane	9.124	117	3416	7.581	ng	#	73
19) n-Nitroso-di-n-propyla...	8.842	70	5840	6.531	ng		89
20) 3+4-Methylphenols	8.812	107	7944	5.996	ng		96
22) Acetophenone	8.859	105	12300	7.003	ng	#	96
24) Nitrobenzene	9.241	77	9377	7.122	ng	#	89
25) Isophorone	9.764	82	16164	6.672	ng	#	93
26) 2-Nitrophenol	9.958	139	4239	6.535	ng	#	81
27) 2,4-Dimethylphenol	10.017	122	7109	7.835	ng		92
28) bis(2-Chloroethoxy)met...	10.246	93	8825	7.156	ng		99
29) 2,4-Dichlorophenol	10.498	162	9166	6.970	ng		90
30) 1,2,4-Trichlorobenzene	10.710	180	11880	7.322	ng		88
31) Naphthalene	10.898	128	25826	7.067	ng		98
32) Benzoic acid	10.193	122	1685m	4.564	ng		
33) 4-Chloroaniline	11.004	127	10341	6.804	ng		92
34) Hexachlorobutadiene	11.180	225	10801	8.023	ng		97
35) Caprolactam	11.756	113	2177	5.813	ng	#	72
36) 4-Chloro-3-methylphenol	12.132	107	8301	6.561	ng	#	76
37) 2-Methylnaphthalene	12.496	142	20278	7.240	ng		96
38) 1-Methylnaphthalene	12.719	142	19373	7.124	ng		97
40) 1,2,4,5-Tetrachloroben...	12.866	216	19450	7.967	ng	#	94
41) Hexachlorocyclopentadiene	12.849	237	1705	2.793	ng		90
43) 2,4,6-Trichlorophenol	13.107	196	9380	6.690	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.189	196	10095	6.583	ng	#	91
46) 1,1'-Biphenyl	13.501	154	30069	7.435	ng		91
47) 2-Chloronaphthalene	13.548	162	24444	7.230	ng		93
48) 2-Nitroaniline	13.748	65	5834	6.097	ng		91
49) Acenaphthylene	14.388	152	36937	7.202	ng		98
50) Dimethylphthalate	14.112	163	32561	6.896	ng		99
51) 2,6-Dinitrotoluene	14.235	165	7087	6.905	ng	#	79
52) Acenaphthene	14.729	154	21346	6.881	ng		98
53) 3-Nitroaniline	14.570	138	5426	5.964	ng		91
54) 2,4-Dinitrophenol	14.788	184	1125	2.338	ng	#	60
55) Dibenzofuran	15.064	168	39796	7.303	ng		94
56) 4-Nitrophenol	14.887	139	3004	5.140	ng	#	76
57) 2,4-Dinitrotoluene	15.028	165	10012	6.737	ng	#	79
58) Fluorene	15.710	166	32238	7.122	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.293	232	9999	6.510	ng	#	83
60) Diethylphthalate	15.475	149	31278	6.792	ng		97
61) 4-Chlorophenyl-phenyle...	15.698	204	22099	7.686	ng	#	87
62) 4-Nitroaniline	15.728	138	5824	6.129	ng		97
63) Azobenzene	15.992	77	22438	6.465	ng		83
65) 4,6-Dinitro-2-methylph...	15.798	198	4484	4.698	ng	#	72
66) n-Nitrosodiphenylamine	15.916	169	29159	7.126	ng		95
67) 4-Bromophenyl-phenylether	16.597	248	15931	7.362	ng	#	87
68) Hexachlorobenzene	16.726	284	18791	7.608	ng	#	91
69) Atrazine	16.856	200	14106	7.805	ng		92
70) Pentachlorophenol	17.073	266	4317	4.351	ng		93
71) Phenanthrene	17.455	178	57384	7.071	ng		97
72) Anthracene	17.543	178	57677	7.257	ng		98
73) Carbazole	17.813	167	46795	6.953	ng		97
74) Di-n-butylphthalate	18.366	149	51655	6.481	ng		99
75) Fluoranthene	19.464	202	80611	7.304	ng		96
77) Benzidine	19.635	184	35860	9.819	ng		99
78) Pyrene	19.823	202	82363	6.878	ng		99
80) Butylbenzylphthalate	20.704	149	22825	5.883	ng	#	84
81) Benzo(a)anthracene	21.662	228	94314	7.166	ng		99
82) 3,3'-Dichlorobenzidine	21.574	252	36066	8.966	ng	#	94
83) Chrysene	21.726	228	87170	7.003	ng		97
84) Bis(2-ethylhexyl)phtha...	21.562	149	33420	6.071	ng	#	93
85) Di-n-octyl phthalate	22.772	149	58394	6.162	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.618	276	112353	6.769	ng	#	99
88) Benzo(b)fluoranthene	23.889	252	98668	7.541	ng	#	97
89) Benzo(k)fluoranthene	23.953	252	95184	7.333	ng	#	96
90) Benzo(a)pyrene	24.764	252	92413	8.255	ng	#	97
91) Dibenzo(a,h)anthracene	28.671	278	99207	7.296	ng	#	96
92) Benzo(g,h,i)perylene	29.764	276	98254	7.244	ng	#	93

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

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