Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052374.D
Acq On : 11 Feb 2022 17:43
Operator : CG/JU
Sample : M4068-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 12 01:33:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 12 01:31:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	22110	20.000	ng		0.00
21) Naphthalene-d8	11.066	136	97818	20.000	ng	#	0.00
39) Acenaphthene-d10	14.873	164	75435	20.000	ng		0.00
64) Phenanthrene-d10	17.622	188	187257	20.000	ng		0.00
76) Chrysene-d12	21.940	240	198383	20.000	ng		0.00
86) Perylene-d12	25.406	264	196794	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.756	112	199634	157.365	ng		0.00
7) Phenol-d6	7.377	99	298290	152.392	ng		0.00
23) Nitrobenzene-d5	9.398	82	183131	81.366	ng		0.00
42) 2,4,6-Tribromophenol	16.359	330	170034	156.895	ng		0.00
45) 2-Fluorobiphenyl	13.492	172	447688	82.465	ng		0.00
79) Terphenyl-d14	20.213	244	931986	82.959	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	4291	7.346	ng		90
3) Pyridine	4.005	79	11860	7.000	ng		98
4) n-Nitrosodimethylamine	3.905	42	6736	7.700	ng	#	97
6) Aniline	7.542	93	18785	8.260	ng		99
8) 2-Chlorophenol	7.788	128	10976	7.865	ng		95
9) Benzaldehyde	7.348	77	13028	10.842	ng		93
10) Phenol	7.401	94	14656	7.536	ng		97
11) bis(2-Chloroethyl)ether	7.624	93	11331	7.622	ng		96
12) 1,3-Dichlorobenzene	8.117	146	12877	8.098	ng		97
13) 1,4-Dichlorobenzene	8.258	146	13107	8.086	ng		98
14) 1,2-Dichlorobenzene	8.587	146	12608	7.887	ng		92
15) Benzyl Alcohol	8.464	79	11947	7.354	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.758	45	17852	8.316	ng		93
17) 2-Methylphenol	8.669	107	10324	8.045	ng	#	90
18) Hexachloroethane	9.327	117	4263	7.563	ng	#	84
19) n-Nitroso-di-n-propyla...	9.028	70	11886	8.055	ng	#	83
20) 3+4-Methylphenols	8.998	107	13721	7.473	ng		89
22) Acetophenone	9.051	105	20693	8.004	ng	#	93
24) Nitrobenzene	9.439	77	17118	8.018	ng	#	94
25) Isophorone	9.962	82	29904	7.809	ng		97
26) 2-Nitrophenol	10.162	139	6675	7.376	ng	#	87
27) 2,4-Dimethylphenol	10.220	122	11680	8.718	ng		87
28) bis(2-Chloroethoxy)met...	10.443	93	16815	7.737	ng		97
29) 2,4-Dichlorophenol	10.708	162	11435	7.120	ng		95
30) 1,2,4-Trichlorobenzene	10.925	180	15176	8.093	ng		93
31) Naphthalene	11.119	128	40479	7.894	ng		99
32) Benzoic acid	10.303	122	4293m	5.455	ng		
33) 4-Chloroaniline	11.219	127	16613	7.760	ng		94
34) Hexachlorobutadiene	11.401	225	9388	7.413	ng		94
35) Caprolactam	11.959	113	4437	7.581	ng	#	71
36) 4-Chloro-3-methylphenol	12.335	107	14022	7.675	ng		87
37) 2-Methylnaphthalene	12.711	142	28837	7.571	ng		98
38) 1-Methylnaphthalene	12.928	142	29017m	7.862	ng		
40) 1,2,4,5-Tetrachloroben...	13.081	216	19135	7.712	ng	#	97
41) Hexachlorocyclopentadiene	13.058	237	4960	4.735	ng		94
43) 2,4,6-Trichlorophenol	13.316	196	10933	6.737	ng		90

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.387	196	12149	6.909	ng	#	93
46)	1,1'-Biphenyl	13.704	154	40742	7.365	ng		98
47)	2-Chloronaphthalene	13.757	162	31925	7.491	ng		96
48)	2-Nitroaniline	13.945	65	10424	6.870	ng		95
49)	Acenaphthylene	14.597	152	55696	8.028	ng		99
50)	Dimethylphthalate	14.309	163	44317	7.669	ng	#	96
51)	2,6-Dinitrotoluene	14.432	165	9369	7.513	ng		87
52)	Acenaphthene	14.932	154	33274m	7.324	ng		
53)	3-Nitroaniline	14.767	138	9427	7.273	ng	#	92
54)	2,4-Dinitrophenol	14.984	184	2173	3.214	ng		86
55)	Dibenzofuran	15.266	168	53040	7.423	ng		94
56)	4-Nitrophenol	15.084	139	6080	6.246	ng	#	78
57)	2,4-Dinitrotoluene	15.219	165	13573	7.647	ng	#	83
58)	Fluorene	15.918	166	44580	7.816	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.495	232	11371	6.769	ng	#	97
60)	Diethylphthalate	15.666	149	44405	7.607	ng		98
61)	4-Chlorophenyl-phenyle...	15.901	204	24435	7.521	ng		98
62)	4-Nitroaniline	15.918	138	10386	7.611	ng	#	75
63)	Azobenzene	16.195	77	45107	7.548	ng		98
65)	4,6-Dinitro-2-methylph...	15.989	198	6202	5.506	ng		85
66)	n-Nitrosodiphenylamine	16.112	169	39338	7.625	ng		92
67)	4-Bromophenyl-phenylether	16.800	248	16520	7.254	ng		93
68)	Hexachlorobenzene	16.929	284	18125	7.338	ng		93
69)	Atrazine	17.052	200	17464	8.372	ng		98
70)	Pentachlorophenol	17.275	266	5375	4.448	ng		93
71)	Phenanthrene	17.663	178	74639	7.732	ng		96
72)	Anthracene	17.757	178	76933	8.133	ng		97
73)	Carbazole	18.021	167	70060	7.594	ng		98
74)	Di-n-butylphthalate	18.562	149	80185	7.977	ng		98
75)	Fluoranthene	19.666	202	99704	8.111	ng		99
77)	Benzidine	19.831	184	48478	11.436	ng		97
78)	Pyrene	20.025	202	102983	7.758	ng		98
80)	Butylbenzylphthalate	20.894	149	34073	7.389	ng		99
81)	Benzo(a)anthracene	21.916	228	103485	7.883	ng		97
82)	3,3'-Dichlorobenzidine	21.816	252	38218	8.339	ng		99
83)	Chrysene	21.987	228	93951	7.552	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.793	149	48765	7.627	ng		99
85)	Di-n-octyl phthalate	23.085	149	81189	7.574	ng		95
87)	Indeno(1,2,3-cd)pyrene	29.406	276	103880	7.213	ng		100
88)	Benzo(b)fluoranthene	24.301	252	98114	8.001	ng		96
89)	Benzo(k)fluoranthene	24.372	252	97703	8.065	ng		98
90)	Benzo(a)pyrene	25.235	252	93582	9.034	ng		96
91)	Dibenzo(a,h)anthracene	29.471	278	92656	7.789	ng	#	93
92)	Benzo(g,h,i)perylene	30.657	276	92624	7.933	ng	#	97

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

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