Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049610.D
Acq On : 2 Aug 2021 20:54
Operator : CG/JU
Sample : M2262-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:53 AM

Quant Time: Aug 03 01:19:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 01:17:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.043	152	39310	20.000	ng		0.00
21) Naphthalene-d8	10.862	136	161107	20.000	ng		#-0.01
39) Acenaphthene-d10	14.692	164	114316	20.000	ng		-0.01
64) Phenanthrene-d10	17.442	188	240755	20.000	ng		#-0.01
76) Chrysene-d12	21.724	240	238869	20.000	ng		-0.01
86) Perylene-d12	24.996	264	247996	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	237907	102.680	ng		-0.01
7) Phenol-d6	7.197	99	353877	104.872	ng		-0.01
23) Nitrobenzene-d5	9.212	82	259672	72.215	ng		-0.01
42) 2,4,6-Tribromophenol	16.185	330	181077	118.281	ng		0.00
45) 2-Fluorobiphenyl	13.312	172	565074	71.127	ng		-0.01
79) Terphenyl-d14	20.056	244	936604	76.575	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.466	88	7128m	6.791	ng		
3) Pyridine	3.878	79	14985m	5.602	ng		
4) n-Nitrosodimethylamine	3.795	42	9943	7.569	ng	#	88
6) Aniline	7.367	93	27742	7.602	ng		97
8) 2-Chlorophenol	7.602	128	15666	6.594	ng		84
9) Benzaldehyde	7.173	77	19057	8.501	ng		90
10) Phenol	7.226	94	21447	6.672	ng		94
11) bis(2-Chloroethyl)ether	7.455	93	15353	6.973	ng		88
12) 1,3-Dichlorobenzene	7.931	146	19084m	6.793	ng		
13) 1,4-Dichlorobenzene	8.078	146	18991	6.789	ng		95
14) 1,2-Dichlorobenzene	8.401	146	17046	6.308	ng		94
15) Benzyl Alcohol	8.278	79	19720	7.149	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.565	45	17313	6.731	ng		94
17) 2-Methylphenol	8.483	107	14491	6.771	ng		89
18) Hexachloroethane	9.129	117	7888	7.255	ng		87
19) n-Nitroso-di-n-propyla...	8.847	70	15925	7.183	ng	#	96
20) 3+4-Methylphenols	8.812	107	19832	6.762	ng		93
22) Acetophenone	8.865	105	31177	7.227	ng	#	95
24) Nitrobenzene	9.253	77	25477	6.746	ng		98
25) Isophorone	9.776	82	41719	6.548	ng	#	94
26) 2-Nitrophenol	9.969	139	9389	6.849	ng		92
27) 2,4-Dimethylphenol	10.022	122	15365	7.011	ng		97
28) bis(2-Chloroethoxy)met...	10.257	93	21530	7.574	ng	#	87
29) 2,4-Dichlorophenol	10.510	162	16437	6.468	ng		95
30) 1,2,4-Trichlorobenzene	10.727	180	19698	6.863	ng		99
31) Naphthalene	10.915	128	56707	6.674	ng	#	95
32) Benzoic acid	10.152	122	4694m	3.260	ng		
33) 4-Chloroaniline	11.021	127	22514	6.944	ng	#	91
34) Hexachlorobutadiene	11.197	225	13188	6.412	ng		89
35) Caprolactam	11.785	113	5680	7.197	ng		92
36) 4-Chloro-3-methylphenol	12.143	107	20266	6.761	ng	#	95
37) 2-Methylnaphthalene	12.519	142	42409	6.839	ng		95
38) 1-Methylnaphthalene	12.736	142	39138m	6.601	ng		
40) 1,2,4,5-Tetrachloroben...	12.889	216	23010	6.807	ng		96
41) Hexachlorocyclopentadiene	12.866	237	9761	6.469	ng		91
43) 2,4,6-Trichlorophenol	13.124	196	14323m	6.496	ng		

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.200	196	14956	6.271	ng		92
46) 1,1'-Biphenyl	13.523	154	56533	6.746	ng		96
47) 2-Chloronaphthalene	13.570	162	42059	6.534	ng		98
48) 2-Nitroaniline	13.770	65	15038	6.713	ng		95
49) Acenaphthylene	14.416	152	70192	6.726	ng		96
50) Dimethylphthalate	14.140	163	56429	6.795	ng		100
51) 2,6-Dinitrotoluene	14.264	165	11329	6.283	ng		91
52) Acenaphthene	14.757	154	39736	6.308	ng		90
53) 3-Nitroaniline	14.593	138	12594	6.966	ng		97
54) 2,4-Dinitrophenol	14.804	184	6191	8.158	ng	#	78
55) Dibenzofuran	15.092	168	65636	6.493	ng		99
56) 4-Nitrophenol	14.910	139	8641	6.059	ng		89
57) 2,4-Dinitrotoluene	15.051	165	15447	6.199	ng	#	90
58) Fluorene	15.738	166	53663	6.552	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.315	232	13261	6.082	ng		99
60) Diethylphthalate	15.503	149	58162	6.972	ng		95
61) 4-Chlorophenyl-phenyle...	15.732	204	27077	6.499	ng	#	86
62) 4-Nitroaniline	15.762	138	11489	6.037	ng		89
63) Azobenzene	16.026	77	59667	6.459	ng		88
65) 4,6-Dinitro-2-methylph...	15.820	198	7996	6.131	ng		87
66) n-Nitrosodiphenylamine	15.944	169	45933	6.642	ng		98
67) 4-Bromophenyl-phenylether	16.625	248	19362	7.100	ng		97
68) Hexachlorobenzene	16.748	284	21065	6.822	ng		94
69) Atrazine	16.889	200	19491	7.113	ng		92
70) Pentachlorophenol	17.095	266	8596	6.194	ng		92
71) Phenanthrene	17.489	178	86788m	6.706	ng		
72) Anthracene	17.577	178	83464	6.561	ng		97
73) Carbazole	17.847	167	76525	6.325	ng		98
74) Di-n-butylphthalate	18.399	149	93982	6.812	ng		98
75) Fluoranthene	19.498	202	107681	6.682	ng		95
77) Benzidine	19.674	184	45335	6.857	ng		97
78) Pyrene	19.856	202	105852	6.751	ng		97
80) Butylbenzylphthalate	20.737	149	38983	6.839	ng		96
81) Benzo(a)anthracene	21.706	228	101560	6.712	ng		99
82) 3,3'-Dichlorobenzidine	21.618	252	39303	9.004	ng		99
83) Chrysene	21.771	228	96363	6.604	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	57794	6.761	ng		95
85) Di-n-octyl phthalate	22.828	149	97803	6.624	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.738	276	118013	6.722	ng	#	88
88) Benzo(b)fluoranthene	23.956	252	101749	6.367	ng	#	97
89) Benzo(k)fluoranthene	24.021	252	105191	7.077	ng	#	98
90) Benzo(a)pyrene	24.843	252	100302	6.925	ng	#	98
91) Dibenzo(a,h)anthracene	28.809	278	100916	6.845	ng	#	97
92) Benzo(g,h,i)perylene	29.913	276	98589	6.758	ng	#	95

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

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