Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048002.D
Acq On : 26 Jan 2021 10:45
Operator : CG/JU
Sample : PB134172BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134172BS

Manual Integrations APPROVED
mohammad
1/27/2021 1:08:04 PM

Quant Time: Jan 26 11:20:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	55550	20.00	ng		0.00
21) Naphthalene-d8	10.950	136	234844	20.00	ng		0.00
39) Acenaphthene-d10	14.757	164	184132	20.00	ng		0.00
64) Phenanthrene-d10	17.495	188	466105	20.00	ng		0.00
76) Chrysene-d12	21.772	240	384523	20.00	ng	#	0.00
86) Perylene-d12	25.057	264	385742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	284029	78.58	ng		0.00
7) Phenol-d6	7.283	99	408543	74.34	ng		0.00
23) Nitrobenzene-d5	9.299	82	461565	77.77	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	213719	69.69	ng		0.00
45) 2-Fluorobiphenyl	13.382	172	1062582	74.61	ng		0.00
79) Terphenyl-d14	20.098	244	1895395	85.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.570	88	39871	24.75	ng	#	93
3) Pyridine	3.970	79	131977	27.29	ng		90
4) n-Nitrosodimethylamine	3.881	42	75807	33.92	ng	#	83
6) Aniline	7.448	93	163194	24.58	ng		98
8) 2-Chlorophenol	7.695	128	161541	42.69	ng		90
9) Benzaldehyde	7.266	77	28467	10.10	ng	#	84
10) Phenol	7.307	94	226476	42.99	ng		81
11) bis(2-Chloroethyl)ether	7.548	93	157444	38.16	ng		96
12) 1,3-Dichlorobenzene	8.024	146	162522	35.59	ng	#	88
13) 1,4-Dichlorobenzene	8.170	146	165150	36.07	ng		96
14) 1,2-Dichlorobenzene	8.488	146	156443	35.80	ng		94
15) Benzyl Alcohol	8.364	79	187683	40.36	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.658	45	200310	34.59	ng		94
17) 2-Methylphenol	8.564	107	148997	41.85	ng	#	87
18) Hexachloroethane	9.222	117	61546	34.46	ng		96
19) n-Nitroso-di-n-propyla...	8.934	70	147599	36.80	ng	#	95
20) 3+4-Methylphenols	8.893	107	207028	42.03	ng		88
22) Acetophenone	8.952	105	258921	35.78	ng	#	92
24) Nitrobenzene	9.340	77	213136	35.86	ng	#	86
25) Isophorone	9.863	82	396375	37.21	ng	#	93
26) 2-Nitrophenol	10.051	139	93829	38.36	ng	#	77
27) 2,4-Dimethylphenol	10.103	122	164165	46.19	ng		93
28) bis(2-Chloroethoxy)met...	10.344	93	229866	35.87	ng		98
29) 2,4-Dichlorophenol	10.585	162	186034	40.69	ng		96
30) 1,2,4-Trichlorobenzene	10.803	180	195065	35.29	ng		94
31) Naphthalene	10.997	128	484221	35.66	ng		98
32) Benzoic acid	10.239	122	122009	38.34	ng	#	80
33) 4-Chloroaniline	11.096	127	74419	11.99	ng		93
34) Hexachlorobutadiene	11.284	225	134295	34.21	ng		96
35) Caprolactam	11.872	113	66768m	38.36	ng		
36) 4-Chloro-3-methylphenol	12.207	107	206351	40.22	ng		91
37) 2-Methylnaphthalene	12.595	142	379293	36.98	ng	#	94
38) 1-Methylnaphthalene	12.812	142	354869m	36.27	ng		
40) 1,2,4,5-Tetrachloroben...	12.959	216	248173	35.36	ng	#	97
41) Hexachlorocyclopentadiene	12.941	237	335057	84.27	ng		98
43) 2,4,6-Trichlorophenol	13.188	196	182269	37.23	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.259	196	194346	38.30	ng	#	95
46) 1,1'-Biphenyl	13.594	154	512261	35.99	ng		99
47) 2-Chloronaphthalene	13.635	162	420721	33.96	ng		98
48) 2-Nitroaniline	13.829	65	153024	34.03	ng	#	81
49) Acenaphthylene	14.481	152	652570	35.69	ng		100
50) Dimethylphthalate	14.205	163	591918	35.52	ng		99
51) 2,6-Dinitrotoluene	14.322	165	129618	37.41	ng	#	69
52) Acenaphthene	14.821	154	498819m	40.30	ng		
53) 3-Nitroaniline	14.645	138	69605	18.31	ng	#	81
54) 2,4-Dinitrophenol	14.857	184	173614	80.14	ng	#	71
55) Dibenzofuran	15.150	168	671241	35.76	ng		96
56) 4-Nitrophenol	14.951	139	223404	75.34	ng	#	61
57) 2,4-Dinitrotoluene	15.109	165	188589	37.69	ng	#	80
58) Fluorene	15.803	166	549167	36.38	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.374	232	197778	38.98	ng	#	97
60) Diethylphthalate	15.568	149	607781	35.47	ng		95
61) 4-Chlorophenyl-phenyle...	15.791	204	336005	36.35	ng		99
62) 4-Nitroaniline	15.814	138	131073	31.66	ng	#	60
63) Azobenzene	16.085	77	580230	35.98	ng		92
65) 4,6-Dinitro-2-methylph...	15.867	198	125147	41.60	ng		88
66) n-Nitrosodiphenylamine	16.002	169	524822	37.47	ng		96
67) 4-Bromophenyl-phenylether	16.684	248	225732	36.24	ng		96
68) Hexachlorobenzene	16.802	284	240264	35.47	ng		96
69) Atrazine	16.948	200	194812	36.62	ng		99
70) Pentachlorophenol	17.142	266	319822	77.76	ng		98
71) Phenanthrene	17.542	178	971412	36.12	ng		98
72) Anthracene	17.630	178	1001804	37.88	ng		98
73) Carbazole	17.894	167	880584	35.68	ng		99
74) Di-n-butylphthalate	18.453	149	1032891	34.27	ng	#	98
75) Fluoranthene	19.539	202	1207047	34.23	ng		98
77) Benzidine	19.710	184	277548	25.02	ng		98
78) Pyrene	19.898	202	1173689	41.68	ng		97
80) Butylbenzylphthalate	20.779	149	376383	34.99	ng	#	86
81) Benzo(a)anthracene	21.749	228	1018691	36.45	ng		100
82) 3,3'-Dichlorobenzidine	21.661	252	203518	21.61	ng	#	98
83) Chrysene	21.819	228	983226	37.03	ng		99
84) Bis(2-ethylhexyl)phtha...	21.661	149	528180	35.86	ng		97
85) Di-n-octyl phthalate	22.900	149	896995	36.40	ng		96
87) Indeno(1,2,3-cd)pyrene	28.817	276	1161931	37.45	ng	#	89
88) Benzo(b)fluoranthene	24.017	252	1053979	38.44	ng	#	95
89) Benzo(k)fluoranthene	24.087	252	991643	37.22	ng	#	98
90) Benzo(a)pyrene	24.904	252	926554	35.99	ng	#	98
91) Dibenzo(a,h)anthracene	28.893	278	970372	37.89	ng	#	96
92) Benzo(g,h,i)perylene	29.998	276	962724	39.03	ng	#	94

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

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