Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048764.D
Acq On : 19 Apr 2021 13:16
Operator : CG/JU
Sample : PB135804BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135804BS

Manual Integrations APPROVED
mohammad
4/21/2021 8:36:15 AM

Quant Time: Apr 19 14:05:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.078	152	21538	20.00	ng		0.00
21) Naphthalene-d8	10.904	136	89621	20.00	ng		0.00
39) Acenaphthene-d10	14.735	164	65893	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	152319	20.00	ng		# 0.00
76) Chrysene-d12	21.792	240	140678	20.00	ng		0.00
86) Perylene-d12	25.129	264	134973	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.628	112	184453	143.24	ng		0.00
7) Phenol-d6	7.244	99	234765	128.88	ng		0.00
23) Nitrobenzene-d5	9.253	82	172831	86.34	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	101330	114.69	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	373879	81.94	ng		0.00
79) Terphenyl-d14	20.105	244	675986	82.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.478	88	16845	33.39	ng		93
3) Pyridine	3.883	79	51539	39.19	ng		96
4) n-Nitrosodimethylamine	3.801	42	46307	46.12	ng		99
6) Aniline	7.397	93	81520	39.87	ng	#	94
8) 2-Chlorophenol	7.644	128	69020	50.52	ng		98
9) Benzaldehyde	7.209	77	38101	31.57	ng		90
10) Phenol	7.268	94	89332	49.87	ng		96
11) bis(2-Chloroethyl)ether	7.491	93	59064	48.93	ng		91
12) 1,3-Dichlorobenzene	7.967	146	72894	46.41	ng		98
13) 1,4-Dichlorobenzene	8.114	146	74082	46.28	ng		96
14) 1,2-Dichlorobenzene	8.437	146	72099	48.82	ng		96
15) Benzyl Alcohol	8.319	79	75588	47.09	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.607	45	64625	49.39	ng		96
17) 2-Methylphenol	8.525	107	57487	50.27	ng		93
18) Hexachloroethane	9.165	117	27904	44.38	ng		95
19) n-Nitroso-di-n-propyla...	8.883	70	59688	48.57	ng	#	92
20) 3+4-Methylphenols	8.860	107	78968	50.05	ng		93
22) Acetophenone	8.907	105	107198	45.95	ng	#	98
24) Nitrobenzene	9.295	77	89817	44.98	ng	#	89
25) Isophorone	9.818	82	156397	44.18	ng		95
26) 2-Nitrophenol	10.006	139	38832	44.93	ng	#	87
27) 2,4-Dimethylphenol	10.070	122	71358	53.71	ng		86
28) bis(2-Chloroethoxy)met...	10.299	93	80129	51.96	ng		94
29) 2,4-Dichlorophenol	10.552	162	69370	46.30	ng		94
30) 1,2,4-Trichlorobenzene	10.763	180	75767	43.61	ng		96
31) Naphthalene	10.957	128	205810	44.75	ng	#	95
32) Benzoic acid	10.246	122	21172	27.20	ng	#	68
33) 4-Chloroaniline	11.063	127	40851	21.35	ng		98
34) Hexachlorobutadiene	11.234	225	57100	44.27	ng		98
35) Caprolactam	11.845	113	24997m	49.10	ng		
36) 4-Chloro-3-methylphenol	12.197	107	80229	47.28	ng		92
37) 2-Methylnaphthalene	12.561	142	160540	43.69	ng		93
38) 1-Methylnaphthalene	12.779	142	149038	43.59	ng		95
40) 1,2,4,5-Tetrachloroben...	12.932	216	92696	43.22	ng		98
41) Hexachlorocyclopentadiene	12.908	237	97336	82.98	ng		89
43) 2,4,6-Trichlorophenol	13.172	196	60443	42.23	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	65602	43.16	ng		90
46) 1,1'-Biphenyl	13.566	154	213804	43.93	ng		95
47) 2-Chloronaphthalene	13.613	162	167141	44.95	ng		97
48) 2-Nitroaniline	13.819	65	62134	46.51	ng		95
49) Acenaphthylene	14.459	152	264480	45.60	ng		97
50) Dimethylphthalate	14.183	163	216523	43.81	ng	#	96
51) 2,6-Dinitrotoluene	14.312	165	49451	43.37	ng		99
52) Acenaphthene	14.800	154	165340	44.89	ng		94
53) 3-Nitroaniline	14.647	138	29372	26.83	ng	#	90
54) 2,4-Dinitrophenol	14.853	184	46843	69.20	ng		93
55) Dibenzofuran	15.135	168	256726	42.10	ng		99
56) 4-Nitrophenol	14.970	139	73431	90.54	ng		99
57) 2,4-Dinitrotoluene	15.100	165	74323	44.88	ng		97
58) Fluorene	15.787	166	216634	43.26	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.364	232	56117	39.90	ng		92
60) Diethylphthalate	15.546	149	229242	44.83	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	121275	44.04	ng		98
62) 4-Nitroaniline	15.810	138	51166	43.72	ng		96
63) Azobenzene	16.069	77	224390	43.58	ng		95
65) 4,6-Dinitro-2-methylph...	15.869	198	40834	40.04	ng		97
66) n-Nitrosodiphenylamine	15.993	169	193871	45.03	ng		97
67) 4-Bromophenyl-phenylether	16.674	248	78686	44.88	ng		93
68) Hexachlorobenzene	16.792	284	81541	45.92	ng		96
69) Atrazine	16.939	200	84933	47.44	ng		95
70) Pentachlorophenol	17.144	266	69943	73.92	ng		89
71) Phenanthrene	17.538	178	356686	45.12	ng		97
72) Anthracene	17.626	178	368106	47.06	ng		99
73) Carbazole	17.902	167	332318	44.35	ng		98
74) Di-n-butylphthalate	18.443	149	404850	48.20	ng		99
75) Fluoranthene	19.547	202	451931	45.20	ng		98
77) Benzidine	19.724	184	192047	50.27	ng		98
78) Pyrene	19.912	202	440679	45.28	ng		97
80) Butylbenzylphthalate	20.787	149	175080	46.00	ng		98
81) Benzo(a)anthracene	21.774	228	434364	45.18	ng		98
82) 3,3'-Dichlorobenzidine	21.680	252	106796	32.40	ng		94
83) Chrysene	21.845	228	392480	42.86	ng		98
84) Bis(2-ethylhexyl)phtha...	21.662	149	249252	46.78	ng		98
85) Di-n-octyl phthalate	22.914	149	423043	46.64	ng		99
87) Indeno(1,2,3-cd)pyrene	28.972	276	478917	48.31	ng	#	77
88) Benzo(b)fluoranthene	24.071	252	425815m	46.50	ng		
89) Benzo(k)fluoranthene	24.136	252	401125	46.58	ng		100
90) Benzo(a)pyrene	24.976	252	379835	45.03	ng	#	98
91) Dibenzo(a,h)anthracene	29.042	278	394521	46.40	ng		99
92) Benzo(g,h,i)perylene	30.188	276	391981	46.70	ng		96

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

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