Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045727.D
Acq On : 11 Jun 2020 18:57
Operator : CG/JU
Sample : PB129468BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129468BS

Manual Integrations APPROVED
mohammad
6/15/2020 8:44:29 AM

Quant Time: Jun 12 03:04:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	47194	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	196757	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	147960	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	360033	20.00	ng		0.00
76) Chrysene-d12	21.60	240	325160	20.00	ng		0.00
87) Perylene-d12	24.74	264	357714	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	373268	154.57	ng		0.00
7) Phenol-d6	7.14	99	542258	157.77	ng		0.00
23) Nitrobenzene-d5	9.10	82	350006	97.00	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	274123	144.87	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	813872	93.30	ng		0.00
79) Terphenyl-d14	19.95	244	1467199	105.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	43529	36.350	ng		91
3) Pyridine	3.79	79	128190	38.436	ng		98
4) n-Nitrosodimethylamine	3.71	42	54026	49.503	ng		78
6) Aniline	7.27	93	194075	43.254	ng		95
8) 2-Chlorophenol	7.52	128	143221	54.082	ng		96
9) Benzaldehyde	7.08	77	100030	44.669	ng		94
10) Phenol	7.16	94	195050	55.062	ng		93
11) bis(2-Chloroethyl)ether	7.36	93	135466	49.027	ng		96
12) 1,3-Dichlorobenzene	7.83	146	149164	46.871	ng		99
13) 1,4-Dichlorobenzene	7.98	146	154305	49.132	ng		98
14) 1,2-Dichlorobenzene	8.30	146	142770	47.265	ng		98
15) Benzyl Alcohol	8.19	79	149342	52.597	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	126009	48.044	ng		96
17) 2-Methylphenol	8.41	107	132417	49.941	ng		98
18) Hexachloroethane	9.03	117	61073	50.774	ng		94
19) n-Nitroso-di-n-propylamine	8.75	70	126309	53.142	ng		96
20) 3+4-Methylphenols	8.73	107	179807	49.800	ng		98
22) Acetophenone	8.77	105	220713	47.329	ng	#	98
24) Nitrobenzene	9.15	77	186736	48.305	ng		95
25) Isophorone	9.67	82	348787	49.085	ng		97
26) 2-Nitrophenol	9.86	139	83102	50.252	ng		97
27) 2,4-Dimethylphenol	9.94	122	134484	54.831	ng		94
28) bis(2-Chloroethoxy)methane	10.16	93	185612	49.808	ng		95
29) 2,4-Dichlorophenol	10.41	162	150299	51.893	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	157388	45.987	ng		97
31) Naphthalene	10.80	128	442901	48.306	ng		99
32) Benzoic acid	10.10	122	70995	43.696	ng		92
33) 4-Chloroaniline	10.91	127	126472	32.999	ng		99
34) Hexachlorobutadiene	11.09	225	111645	46.149	ng		95
35) Caprolactam	11.69	113	56337	52.993	ng	#	86
36) 4-Chloro-3-methylphenol	12.06	107	178864	54.804	ng		98
37) 2-Methylnaphthalene	12.41	142	343557	50.273	ng		97
38) 1-Methylnaphthalene	12.63	142	323318	50.085	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	190991	46.214	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	225316	94.458	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	136721	47.624	ng		95
44) 2,4,5-Trichlorophenol	13.11	196	139405	42.493	ng		97
46) 1,1'-Biphenyl	13.42	154	443597	48.793	ng		97
47) 2-Chloronaphthalene	13.46	162	342696	46.419	ng		99
48) 2-Nitroaniline	13.67	65	121122	49.876	ng		97
49) Acenaphthylene	14.31	152	565293	47.670	ng		99
50) Dimethylphthalate	14.05	163	489982	48.274	ng		99
51) 2,6-Dinitrotoluene	14.16	165	110058	48.053	ng		100
52) Acenaphthene	14.65	154	430911m	54.286	ng		
53) 3-Nitroaniline	14.50	138	82082	35.255	ng		99
54) 2,4-Dinitrophenol	14.71	184	131401	87.064	ng		98
55) Dibenzofuran	14.99	168	561042	47.596	ng		98
56) 4-Nitrophenol	14.84	139	151981	86.221	ng		88
57) 2,4-Dinitrotoluene	14.96	165	160900	48.507	ng		98
58) Fluorene	15.64	166	476339	49.187	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	142709	49.445	ng		98
60) Diethylphthalate	15.41	149	512969	48.556	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	257618	46.488	ng		99
62) 4-Nitroaniline	15.67	138	114120	46.952	ng		99
63) Azobenzene	15.93	77	490848	49.829	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	105410	50.271	ng		92
66) n-Nitrosodiphenylamine	15.85	169	426777	49.370	ng		96
67) 4-Bromophenyl-phenylether	16.52	248	183868	47.163	ng		99
68) Hexachlorobenzene	16.65	284	198137	48.592	ng		98
69) Atrazine	16.80	200	167850	47.142	ng		98
70) Pentachlorophenol	17.00	266	194417	91.826	ng		97
71) Phenanthrene	17.38	178	784592	49.919	ng		99
72) Anthracene	17.47	178	803945	50.934	ng		97
73) Carbazole	17.75	167	743560	48.328	ng		100
74) Di-n-butylphthalate	18.30	149	892892	48.352	ng		100
75) Fluoranthene	19.39	202	982821	49.162	ng		99
77) Benzidine	19.57	184	522454	57.210	ng		100
78) Pyrene	19.76	202	957103	51.636	ng		99
80) Butylbenzylphthalate	20.64	149	380083	47.507	ng		99
81) Benzo(a)anthracene	21.58	228	896564	49.497	ng		99
82) 3,3'-Dichlorobenzidine	21.49	252	281114	39.564	ng		100
83) Chrysene	21.64	228	859995	49.377	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	535163	48.661	ng		98
85) Di-n-octyl phthalate	22.67	149	920974	48.758	ng		99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1128853	49.564	ng	#	96
88) Benzo(b)fluoranthene	23.74	252	972026	50.667	ng		99
89) Benzo(k)fluoranthene	23.81	252	933925	51.817	ng		99
90) Benzo(a)pyrene	24.59	252	897641	50.240	ng		97
91) Dibenzo(a,h)anthracene	28.36	278	926448	51.599	ng		98
92) Benzo(g,h,i)perylene	29.42	276	919955	51.231	ng		98

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

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