Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
Data File : BG045857.D
Acq On : 25 Jun 2020 14:46
Operator : CG/JU
Sample : PB129763BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129763BS

Manual Integrations APPROVED
mohammad
6/26/2020 12:37:22 PM

Quant Time: Jun 25 15:52:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	50516	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	191317	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	131634	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	310419	20.00	ng		0.00
76) Chrysene-d12	21.57	240	302621	20.00	ng		0.00
86) Perylene-d12	24.69	264	332892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	418077	139.80	ng		0.00
7) Phenol-d6	7.14	99	583821	128.35	ng		0.00
23) Nitrobenzene-d5	9.07	82	375448	89.65	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	259286	130.47	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	816805	91.19	ng		0.00
79) Terphenyl-d14	19.93	244	1388811	93.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	52110	38.046	ng		95
3) Pyridine	3.76	79	148671	36.630	ng		97
4) n-Nitrosodimethylamine	3.68	42	60758	44.597	ng		89
6) Aniline	7.24	93	216661	40.452	ng		99
8) 2-Chlorophenol	7.49	128	150088	46.888	ng		95
9) Benzaldehyde	7.05	77	86538	31.674	ng		96
10) Phenol	7.16	94	197693	44.854	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	137835	41.173	ng		96
12) 1,3-Dichlorobenzene	7.81	146	164384	43.093	ng		98
13) 1,4-Dichlorobenzene	7.95	146	165188	43.354	ng		98
14) 1,2-Dichlorobenzene	8.27	146	154689	42.407	ng		99
15) Benzyl Alcohol	8.17	79	149309	42.416	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	130243	41.280	ng		81
17) 2-Methylphenol	8.40	107	134204	40.915	ng		94
18) Hexachloroethane	8.99	117	63833	44.111	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	125342	41.913	ng		97
20) 3+4-Methylphenols	8.73	107	174139	40.368	ng	#	69
22) Acetophenone	8.74	105	227126	43.253	ng		97
24) Nitrobenzene	9.12	77	193320	43.294	ng		97
25) Isophorone	9.64	82	333774	41.169	ng		99
26) 2-Nitrophenol	9.83	139	85434	45.925	ng		94
27) 2,4-Dimethylphenol	9.92	122	133824	47.118	ng		95
28) bis(2-Chloroethoxy)methane	10.13	93	186211	43.971	ng		97
29) 2,4-Dichlorophenol	10.40	162	148646	44.858	ng		96
30) 1,2,4-Trichlorobenzene	10.58	180	171857	43.809	ng		98
31) Naphthalene	10.77	128	450323	43.054	ng		100
32) Benzoic acid	10.12	122	73376	41.362	ng		91
33) 4-Chloroaniline	10.89	127	160368	36.612	ng		98
34) Hexachlorobutadiene	11.06	225	116992	41.934	ng		98
35) Caprolactam	11.66	113	48220m	44.968	ng		
36) 4-Chloro-3-methylphenol	12.05	107	166637	43.554	ng		98
37) 2-Methylnaphthalene	12.38	142	339467	43.585	ng		99
38) 1-Methylnaphthalene	12.60	142	315772	42.843	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	190409	43.930	ng		99

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QLast Update : Thu Jun 25 15:44:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	218832	90.201	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	126353	42.996	ng		98
44) 2,4,5-Trichlorophenol	13.10	196	132742	39.633	ng		97
46) 1,1'-Biphenyl	13.39	154	415325	44.070	ng		99
47) 2-Chloronaphthalene	13.44	162	325595	42.770	ng		99
48) 2-Nitroaniline	13.65	65	109625	43.291	ng		99
49) Acenaphthylene	14.28	152	532476	43.668	ng		99
50) Dimethylphthalate	14.02	163	443603	43.018	ng		98
51) 2,6-Dinitrotoluene	14.14	165	100029	43.188	ng		96
52) Acenaphthene	14.63	154	318791	43.131	ng		95
53) 3-Nitroaniline	14.48	138	83732	36.193	ng		91
54) 2,4-Dinitrophenol	14.69	184	110271	84.911	ng	#	89
55) Dibenzofuran	14.97	168	523795	43.624	ng		99
56) 4-Nitrophenol	14.85	139	122651	74.296	ng		97
57) 2,4-Dinitrotoluene	14.94	165	143528	43.251	ng		96
58) Fluorene	15.61	166	430914	43.160	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	122066	41.991	ng		97
60) Diethylphthalate	15.38	149	460038	43.639	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	241155	41.907	ng		99
62) 4-Nitroaniline	15.65	138	103850	43.739	ng		95
63) Azobenzene	15.90	77	447435	44.204	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	91920	47.915	ng		96
66) n-Nitrosodiphenylamine	15.82	169	386352	43.942	ng		98
67) 4-Bromophenyl-phenylether	16.50	248	165948	41.143	ng		96
68) Hexachlorobenzene	16.63	284	185087	44.252	ng		93
69) Atrazine	16.78	200	146753	43.014	ng		96
70) Pentachlorophenol	16.98	266	144889	71.173	ng		95
71) Phenanthrene	17.36	178	704604	44.011	ng		99
72) Anthracene	17.45	178	721838	45.278	ng		100
73) Carbazole	17.73	167	660939	43.541	ng		99
74) Di-n-butylphthalate	18.28	149	788142	43.850	ng		100
75) Fluoranthene	19.37	202	886663	45.039	ng		100
77) Benzidine	19.55	184	534555	67.947	ng		99
78) Pyrene	19.73	202	875072	43.182	ng		99
80) Butylbenzylphthalate	20.62	149	361220	42.586	ng		99
81) Benzo(a)anthracene	21.55	228	853155	43.484	ng		100
82) 3,3'-Dichlorobenzidine	21.47	252	281964	37.993	ng		95
83) Chrysene	21.62	228	827658	43.614	ng		99
84) Bis(2-ethylhexyl)phthalate	21.46	149	509697	43.200	ng	#	98
85) Di-n-octyl phthalate	22.64	149	866046	42.554	ng		100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1079525	44.732	ng	#	95
88) Benzo(b)fluoranthene	23.71	252	936519	44.869	ng		97
89) Benzo(k)fluoranthene	23.78	252	895357	44.821	ng		97
90) Benzo(a)pyrene	24.55	252	850351	43.614	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	879688	45.456	ng		99
92) Benzo(g,h,i)perylene	29.36	276	879757	45.418	ng		96

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

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