Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045668.D
Acq On : 9 Jun 2020 17:47
Operator : CG/JU
Sample : L2904-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VE-4-11MSD

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:15 AM

Quant Time: Jun 10 04:59:17 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	7.95	152	75412	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	292075	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	192347	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	395117	20.00	ng		0.00
76) Chrysene-d12	21.60	240	355348	20.00	ng		0.00
87) Perylene-d12	24.75	264	379390	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	229693	59.52	ng		0.00
7) Phenol-d6	7.14	99	194442	35.40	ng		0.00
23) Nitrobenzene-d5	9.11	82	510705	95.35	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	330689	134.43	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1060312	93.50	ng		0.00
79) Terphenyl-d14	19.96	244	1500412	98.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	24097	12.59	ng		93
3) Pyridine	3.82	79	37493	7.04	ng		94
4) n-Nitrosodimethylamine	3.73	42	25876	14.84	ng	#	79
6) Aniline	7.28	93	92773	12.94	ng		96
8) 2-Chlorophenol	7.52	128	161982	38.28	ng		99
9) Benzaldehyde	7.09	77	92252	25.78	ng		96
10) Phenol	7.17	94	72886	12.88	ng		93
11) bis(2-Chloroethyl)ether	7.37	93	188721	42.74	ng		98
12) 1,3-Dichlorobenzene	7.84	146	192558	37.87	ng		97
13) 1,4-Dichlorobenzene	7.99	146	192122	38.28	ng		99
14) 1,2-Dichlorobenzene	8.30	146	184215	38.17	ng		98
15) Benzyl Alcohol	8.19	79	112430	24.78	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	172335	41.12	ng		98
17) 2-Methylphenol	8.42	107	113994	26.91	ng		98
18) Hexachloroethane	9.03	117	72325	37.63	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	169472	44.62	ng		99
20) 3+4-Methylphenols	8.74	107	135061	23.41	ng		94
22) Acetophenone	8.77	105	302778	43.74	ng	#	97
24) Nitrobenzene	9.16	77	250664	43.68	ng		97
25) Isophorone	9.68	82	457217	43.35	ng		98
26) 2-Nitrophenol	9.87	139	111676	45.49	ng		94
27) 2,4-Dimethylphenol	9.94	122	160824	44.17	ng		93
28) bis(2-Chloroethoxy)methane	10.16	93	252508	45.65	ng		98
29) 2,4-Dichlorophenol	10.42	162	187473	43.60	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	219424	43.19	ng		100
31) Naphthalene	10.81	128	587631	43.17	ng		99
32) Benzoic acid	10.08	122	22656	17.26	ng		94
33) 4-Chloroaniline	10.92	127	78707	13.83	ng		94
34) Hexachlorobutadiene	11.09	225	146673	40.84	ng		97
35) Caprolactam	11.72	113	7727	4.90	ng		88
36) 4-Chloro-3-methylphenol	12.06	107	191221	39.47	ng		96
37) 2-Methylnaphthalene	12.42	142	452695	44.62	ng		98
38) 1-Methylnaphthalene	12.63	142	423580m	44.20	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	256931	47.82	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	295374	95.25	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	171017	45.82	ng		97
44) 2,4,5-Trichlorophenol	13.11	196	171809	40.29	ng		98
46) 1,1'-Biphenyl	13.43	154	567127	47.98	ng		99
47) 2-Chloronaphthalene	13.47	162	423382	44.11	ng		98
48) 2-Nitroaniline	13.68	65	138055	43.73	ng		91
49) Acenaphthylene	14.31	152	687803	44.62	ng		100
50) Dimethylphthalate	14.05	163	703546	53.32	ng		98
51) 2,6-Dinitrotoluene	14.17	165	128547	43.17	ng		100
52) Acenaphthene	14.66	154	404930	39.24	ng		97
53) 3-Nitroaniline	14.51	138	60901	20.12	ng		89
54) 2,4-Dinitrophenol	14.71	184	146360	75.38	ng		96
55) Dibenzofuran	14.99	168	666189	43.47	ng		97
56) 4-Nitrophenol	14.87	139	43943	19.18	ng		87
57) 2,4-Dinitrotoluene	14.96	165	175104	40.61	ng		96
58) Fluorene	15.65	166	533680	42.39	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	158533	42.25	ng		96
60) Diethylphthalate	15.41	149	557051	40.56	ng		100
61) 4-Chlorophenyl-phenylether	15.63	204	301602	41.87	ng		98
62) 4-Nitroaniline	15.67	138	94724	29.98	ng		96
63) Azobenzene	15.93	77	542695	42.38	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	112425	48.86	ng		96
66) n-Nitrosodiphenylamine	15.85	169	472101	49.76	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	201484	47.09	ng		92
68) Hexachlorobenzene	16.66	284	218039	48.72	ng		98
69) Atrazine	16.82	200	148806	38.08	ng		98
70) Pentachlorophenol	17.01	266	224801	96.75	ng		99
71) Phenanthrene	17.39	178	794959	46.09	ng		99
72) Anthracene	17.47	178	827932	47.80	ng		98
73) Carbazole	17.75	167	722080	42.77	ng		99
74) Di-n-butylphthalate	18.31	149	847323	41.81	ng		98
75) Fluoranthene	19.40	202	908693	41.42	ng		99
78) Pyrene	19.76	202	921807	45.51	ng		99
80) Butylbenzylphthalate	20.65	149	363793	41.61	ng		95
81) Benzo(a)anthracene	21.59	228	892511	45.09	ng		99
83) Chrysene	21.65	228	851858	44.75	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	509353	42.38	ng		98
85) Di-n-octyl phthalate	22.68	149	841021	40.74	ng		98
86) Indeno(1,2,3-cd)pyrene	28.33	276	1119368	44.97	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	932954	45.85	ng		99
89) Benzo(k)fluoranthene	23.82	252	873286	45.68	ng		97
90) Benzo(a)pyrene	24.61	252	846078	44.65	ng		99
91) Dibenzo(a,h)anthracene	28.39	278	924576	48.55	ng		98
92) Benzo(g,h,i)perylene	29.45	276	936236	49.16	ng		97

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

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