Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
Data File : BG045210.D
Acq On : 29 Apr 2020 18:19
Operator : CG/JU
Sample : PB128554BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128554BS

Manual Integrations APPROVED
mohammad
4/30/2020 1:37:53 PM

Quant Time: Apr 29 19:05:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	55754	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	237035	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	180747	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	451141	20.00	ng	0.00
76) Chrysene-d12	21.65	240	420774	20.00	ng	0.00
87) Perylene-d12	24.81	264	475814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	468286	138.67	ng	0.00
7) Phenol-d6	7.16	99	667940	133.12	ng	0.00
23) Nitrobenzene-d5	9.15	82	421261	81.09	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	364633	130.58	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1039533	84.33	ng	0.00
79) Terphenyl-d14	19.99	244	1840670	95.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	60984	40.634	ng	98
3) Pyridine	3.84	79	159560	34.529	ng	99
4) n-Nitrosodimethylamine	3.75	42	65079	45.973	ng	93
6) Aniline	7.31	93	198162	30.376	ng	99
8) 2-Chlorophenol	7.55	128	179106	49.348	ng	98
9) Benzaldehyde	7.12	77	79574	24.560	ng	93
10) Phenol	7.18	94	239784	47.757	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	161019	40.279	ng	99
12) 1,3-Dichlorobenzene	7.88	146	186703	43.654	ng	98
13) 1,4-Dichlorobenzene	8.02	146	187995	44.114	ng	97
14) 1,2-Dichlorobenzene	8.35	146	177360	43.502	ng	95
15) Benzyl Alcohol	8.23	79	177932	42.297	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	150868	38.447	ng	94
17) 2-Methylphenol	8.44	107	164773	42.534	ng	96
18) Hexachloroethane	9.08	117	71875	44.864	ng	98
19) n-Nitroso-di-n-propylamine	8.79	70	145194	40.918	ng	98
20) 3+4-Methylphenols	8.76	107	223705	41.256	ng	99
22) Acetophenone	8.81	105	270616	42.218	ng	99
24) Nitrobenzene	9.19	77	228249	42.864	ng	94
25) Isophorone	9.72	82	418690	39.357	ng	99
26) 2-Nitrophenol	9.91	139	102661	44.758	ng	99
27) 2,4-Dimethylphenol	9.97	122	164448	45.185	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	231546	41.425	ng	98
29) 2,4-Dichlorophenol	10.45	162	191346	45.533	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	208300	43.779	ng	97
31) Naphthalene	10.85	128	556599	42.924	ng	98
32) Benzoic acid	10.12	122	105629	37.530	ng	94
33) 4-Chloroaniline	10.96	127	97678	16.152	ng	97
34) Hexachlorobutadiene	11.14	225	139393	42.730	ng	99
35) Caprolactam	11.72	113	67735m	40.498	ng	
36) 4-Chloro-3-methylphenol	12.08	107	228726	46.331	ng	98
37) 2-Methylnaphthalene	12.46	142	438201	43.538	ng	97
38) 1-Methylnaphthalene	12.68	142	418521	44.048	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	240115	41.260	ng	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	332670	91.460	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	178737	43.518	ng		94
44) 2,4,5-Trichlorophenol	13.14	196	194076	41.512	ng		98
46) 1,1'-Biphenyl	13.46	154	567704	41.324	ng		99
47) 2-Chloronaphthalene	13.50	162	434678	41.409	ng		98
48) 2-Nitroaniline	13.70	65	145022	41.989	ng		98
49) Acenaphthylene	14.35	152	736195	43.056	ng		99
50) Dimethylphthalate	14.09	163	618961	42.057	ng		98
51) 2,6-Dinitrotoluene	14.20	165	142242	43.211	ng		99
52) Acenaphthene	14.70	154	568648m	49.154	ng		
53) 3-Nitroaniline	14.53	138	88969	24.643	ng		97
54) 2,4-Dinitrophenol	14.74	184	177681	90.773	ng		92
55) Dibenzofuran	15.03	168	735268	43.594	ng		98
56) 4-Nitrophenol	14.85	139	224013	80.024	ng		94
57) 2,4-Dinitrotoluene	14.99	165	199991	41.572	ng	#	97
58) Fluorene	15.68	166	614272	44.588	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	195321	46.954	ng		98
60) Diethylphthalate	15.46	149	643068	41.910	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	337212	42.525	ng		99
62) 4-Nitroaniline	15.70	138	141096	37.679	ng		96
63) Azobenzene	15.97	77	615558	43.512	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	131712	44.417	ng		93
66) n-Nitrosodiphenylamine	15.88	169	549347	42.381	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	241139	41.432	ng		98
68) Hexachlorobenzene	16.69	284	257613	42.679	ng		96
69) Atrazine	16.84	200	229272	48.910	ng		99
70) Pentachlorophenol	17.04	266	317445	85.728	ng		99
71) Phenanthrene	17.42	178	1000920	43.175	ng		99
72) Anthracene	17.51	178	1026984	44.162	ng		99
73) Carbazole	17.78	167	945735	40.075	ng		99
74) Di-n-butylphthalate	18.35	149	1132561	43.945	ng		99
75) Fluoranthene	19.43	202	1258817	46.387	ng		97
77) Benzidine	19.61	184	602028	50.069	ng		97
78) Pyrene	19.79	202	1236046	42.610	ng		99
80) Butylbenzylphthalate	20.68	149	500332	41.610	ng		99
81) Benzo(a)anthracene	21.62	228	1184284	43.425	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	301124	27.741	ng		97
83) Chrysene	21.69	228	1147728	43.801	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	706145	42.699	ng		99
85) Di-n-octyl phthalate	22.74	149	1230000	43.010	ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1540317	44.275	ng		99
88) Benzo(b)fluoranthene	23.81	252	1322593	44.375	ng		99
89) Benzo(k)fluoranthene	23.88	252	1240823	43.777	ng		98
90) Benzo(a)pyrene	24.67	252	1194974	42.465	ng		98
91) Dibenzo(a,h)anthracene	28.49	278	1246429	43.957	ng		97
92) Benzo(g,h,i)perylene	29.54	276	1266646	44.556	ng		98

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

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