Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040081.D
Acq On : 22 Mar 2019 13:34
Operator : JU/SJ
Sample : PB118167BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118167BS

Manual Integrations APPROVED
Sohil
3/25/2019 11:58:02 AM

Quant Time: Mar 23 02:13:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	57582	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	246391	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	162174	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	388959	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	313280	20.00	ng		-0.02
87) Perylene-d12	25.17	264	289865	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	462376	136.99	ng		-0.01
7) Phenol-d6	7.30	99	629999	125.18	ng		-0.01
23) Nitrobenzene-d5	9.32	82	359622	78.94	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	254604	134.69	ng		-0.01
45) 2-Fluorobiphenyl	13.39	172	844815	74.17	ng		-0.02
79) Terphenyl-d14	20.11	244	1177445	82.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	52761	33.859	ng		95
3) Pyridine	3.98	79	118661	28.444	ng		95
4) n-Nitrosodimethylamine	3.91	42	73213	36.994	ng	#	80
6) Aniline	7.47	93	194989	29.573	ng		99
8) 2-Chlorophenol	7.71	128	161844	39.524	ng		97
9) Benzaldehyde	7.28	77	72825	22.433	ng		97
10) Phenol	7.33	94	214106	39.271	ng		100
11) bis(2-Chloroethyl)ether	7.56	93	155746	36.639	ng		98
12) 1,3-Dichlorobenzene	8.03	146	170547	36.826	ng		98
13) 1,4-Dichlorobenzene	8.18	146	177196	37.564	ng		98
14) 1,2-Dichlorobenzene	8.50	146	166141	36.453	ng		99
15) Benzyl Alcohol	8.39	79	151520	37.954	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	294234	34.609	ng		98
17) 2-Methylphenol	8.58	107	140392	40.384	ng		98
18) Hexachloroethane	9.23	117	62635	37.005	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	124542	34.381	ng		90
20) 3+4-Methylphenols	8.91	107	191415	39.634	ng		97
22) Acetophenone	8.98	105	241273	36.484	ng	#	93
24) Nitrobenzene	9.37	77	188273	39.394	ng		97
25) Isophorone	9.88	82	353333	37.015	ng		97
26) 2-Nitrophenol	10.07	139	97253	42.146	ng		95
27) 2,4-Dimethylphenol	10.12	122	164146	45.738	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	214275	36.938	ng		99
29) 2,4-Dichlorophenol	10.61	162	172009	42.570	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	180868	39.780	ng		98
31) Naphthalene	11.01	128	499759	38.309	ng		99
32) Benzoic acid	10.27	122	83757	35.917	ng		96
33) 4-Chloroaniline	11.13	127	131205	23.718	ng		97
34) Hexachlorobutadiene	11.27	225	120896	38.911	ng		95
35) Caprolactam	11.93	113	59498m	38.548	ng		
36) 4-Chloro-3-methylphenol	12.23	107	182225	39.342	ng		99
37) 2-Methylnaphthalene	12.61	142	376331	38.586	ng		97
38) 1-Methylnaphthalene	12.83	142	357794	37.749	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	210967	38.399	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	258113	87.666	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	144218	44.837	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	155013	42.755	ng		99
46) 1,1'-Biphenyl	13.61	154	508743	38.141	ng		99
47) 2-Chloronaphthalene	13.66	162	390760	38.942	ng		98
48) 2-Nitroaniline	13.87	65	131415	40.752	ng		90
49) Acenaphthylene	14.50	152	624004	37.881	ng		98
50) Dimethylphthalate	14.22	163	518886	38.264	ng		99
51) 2,6-Dinitrotoluene	14.36	165	117056	40.718	ng		93
52) Acenaphthene	14.84	154	381546	38.484	ng		99
53) 3-Nitroaniline	14.69	138	87017	30.112	ng	#	94
54) 2,4-Dinitrophenol	14.89	184	147695	81.369	ng		99
55) Dibenzofuran	15.17	168	626959	38.543	ng		99
56) 4-Nitrophenol	14.99	139	187782	72.639	ng		92
57) 2,4-Dinitrotoluene	15.14	165	169605	41.987	ng		85
58) Fluorene	15.82	166	499443	39.056	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	155000	43.775	ng		97
60) Diethylphthalate	15.57	149	530320	39.505	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	266208	39.011	ng		99
62) 4-Nitroaniline	15.86	138	117976	37.657	ng		92
63) Azobenzene	16.10	77	468413	38.493	ng		96
65) 4,6-Dinitro-2-methylphenol	15.90	198	102938	44.760	ng		96
66) n-Nitrosodiphenylamine	16.02	169	462076	41.035	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	177185	40.697	ng		97
68) Hexachlorobenzene	16.81	284	184857	40.961	ng		94
69) Atrazine	16.96	200	172526	38.930	ng		99
70) Pentachlorophenol	17.16	266	220621	77.406	ng		99
71) Phenanthrene	17.56	178	820559	38.300	ng		99
72) Anthracene	17.65	178	826659	39.595	ng		98
73) Carbazole	17.92	167	712363	37.848	ng		99
74) Di-n-butylphthalate	18.45	149	868973	39.240	ng		99
75) Fluoranthene	19.56	202	910237	35.950	ng		99
77) Benzidine	19.74	184	307932	30.975	ng		98
78) Pyrene	19.93	202	868862	42.681	ng		100
80) Butylbenzylphthalate	20.79	149	325553	41.278	ng		96
81) Benzo(a)anthracene	21.79	228	761974	38.809	ng		100
82) 3,3'-Dichlorobenzidine	21.70	252	202483	28.247	ng		98
83) Chrysene	21.86	228	730688	38.387	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	460733	41.571	ng		100
85) Di-n-octyl phthalate	22.90	149	796007	43.377	ng		94
86) Indeno(1,2,3-cd)pyrene	29.04	276	867639	40.180	ng	#	97
88) Benzo(b)fluoranthene	24.10	252	781852	45.232	ng		98
89) Benzo(k)fluoranthene	24.17	252	726775	45.169	ng		98
90) Benzo(a)pyrene	25.02	252	747238	46.783	ng		98
91) Dibenzo(a,h)anthracene	29.11	278	712106	45.476	ng		98
92) Benzo(g,h,i)perylene	30.27	276	714342	45.423	ng		97

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

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