Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044811.D
Acq On : 16 Mar 2020 13:27
Operator : CG/JU
Sample : PB127398BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127398BS

Manual Integrations APPROVED
mohammad
3/18/2020 8:44:07 AM

Quant Time: Mar 16 17:57:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101594	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	392585	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	270820	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	673512	20.00	ng	0.00
76) Chrysene-d12	21.70	240	591146	20.00	ng	0.00
87) Perylene-d12	24.91	264	526119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	804898	123.33	ng	0.00
7) Phenol-d6	7.21	99	1108350	116.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	642685	71.84	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	486972	137.33	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1329889	70.32	ng	0.00
79) Terphenyl-d14	20.04	244	2195600	69.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	105533	33.580	ng	96
3) Pyridine	3.91	79	272398	29.279	ng	99
4) n-Nitrosodimethylamine	3.82	42	138384	39.202	ng	89
6) Aniline	7.37	93	323129	27.386	ng	98
8) 2-Chlorophenol	7.61	128	298167	45.767	ng	98
9) Benzaldehyde	7.18	77	83898m	10.942	ng	
10) Phenol	7.24	94	406068	43.256	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	306612	40.925	ng	94
12) 1,3-Dichlorobenzene	7.94	146	329589	41.068	ng	100
13) 1,4-Dichlorobenzene	8.08	146	330563	41.663	ng	98
14) 1,2-Dichlorobenzene	8.41	146	309463	41.126	ng	96
15) Benzyl Alcohol	8.28	79	318567	41.873	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	468632	35.444	ng	98
17) 2-Methylphenol	8.49	107	279558	43.963	ng	95
18) Hexachloroethane	9.14	117	129972	41.609	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	255867	38.215	ng	100
20) 3+4-Methylphenols	8.82	107	381698	43.544	ng	95
22) Acetophenone	8.87	105	458896	41.260	ng	99
24) Nitrobenzene	9.25	77	392555	42.287	ng	99
25) Isophorone	9.78	82	709715	40.646	ng	98
26) 2-Nitrophenol	9.96	139	167567	51.536	ng	98
27) 2,4-Dimethylphenol	10.03	122	285425	50.196	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	416657	39.985	ng	100
29) 2,4-Dichlorophenol	10.50	162	302813	45.594	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	327751	41.271	ng	94
31) Naphthalene	10.91	128	919303	42.272	ng	99
32) Benzoic acid	10.16	122	187519	43.474	ng	95
33) 4-Chloroaniline	11.01	127	203601	20.780	ng	95
34) Hexachlorobutadiene	11.21	225	218837	41.903	ng	96
35) Caprolactam	11.78	113	123068m	48.941	ng	
36) 4-Chloro-3-methylphenol	12.13	107	351297	44.350	ng	97
37) 2-Methylnaphthalene	12.51	142	683169	41.995	ng	95
38) 1-Methylnaphthalene	12.73	142	647719	42.351	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	362674	40.663	ng	99

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QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	375671	77.073	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	261047	44.103	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	280133	45.636	ng		99
46) 1,1'-Biphenyl	13.52	154	843291	38.966	ng		99
47) 2-Chloronaphthalene	13.56	162	644599	38.990	ng		97
48) 2-Nitroaniline	13.75	65	245068	42.341	ng		96
49) Acenaphthylene	14.41	152	1085363	41.905	ng		98
50) Dimethylphthalate	14.14	163	895823	41.532	ng		99
51) 2,6-Dinitrotoluene	14.25	165	202591	46.597	ng		96
52) Acenaphthene	14.75	154	790673	46.613	ng		98
53) 3-Nitroaniline	14.58	138	153883	30.785	ng		93
54) 2,4-Dinitrophenol	14.78	184	232087	99.849	ng		90
55) Dibenzofuran	15.08	168	1038511	42.219	ng		98
56) 4-Nitrophenol	14.89	139	406747	106.622	ng		98
57) 2,4-Dinitrotoluene	15.03	165	287757	48.258	ng		96
58) Fluorene	15.73	166	855350	42.272	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	277440m	49.092	ng		
60) Diethylphthalate	15.50	149	945143	42.012	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	460097	42.228	ng		98
62) 4-Nitroaniline	15.74	138	228546	42.878	ng		95
63) Azobenzene	16.02	77	936699	40.095	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	175319	54.138	ng		98
66) n-Nitrosodiphenylamine	15.94	169	790702	38.994	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	325181	38.621	ng		97
68) Hexachlorobenzene	16.74	284	350017	38.318	ng		100
69) Atrazine	16.88	200	347885	46.827	ng		99
70) Pentachlorophenol	17.08	266	466923	92.901	ng		100
71) Phenanthrene	17.47	178	1433833	39.838	ng		98
72) Anthracene	17.56	178	1463802	41.246	ng		99
73) Carbazole	17.82	167	1415777	41.530	ng		97
74) Di-n-butylphthalate	18.40	149	1693331	40.862	ng		99
75) Fluoranthene	19.48	202	1796261	41.916	ng		97
77) Benzidine	19.65	184	423227	22.053	ng		98
78) Pyrene	19.84	202	1777408	40.982	ng		98
80) Butylbenzylphthalate	20.73	149	779951	40.423	ng		98
81) Benzo(a)anthracene	21.68	228	1723453	40.488	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	530927	32.241	ng		98
83) Chrysene	21.75	228	1633505	40.174	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	1058922	39.766	ng		97
85) Di-n-octyl phthalate	22.82	149	1829085	41.047	ng		100
86) Indeno(1,2,3-cd)pyrene	28.57	276	2144771	40.234	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	1873362	53.936	ng		97
89) Benzo(k)fluoranthene	23.97	252	1712351	52.096	ng		99
90) Benzo(a)pyrene	24.76	252	1654398	50.904	ng		97
91) Dibenzo(a,h)anthracene	28.65	278	1743471	54.376	ng		98
92) Benzo(g,h,i)perylene	29.71	276	1786871	55.160	ng		99

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

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