Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040199.D
Acq On : 28 Mar 2019 14:21
Operator : JU/SJ
Sample : PB118351BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118351BS

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:24 PM

Quant Time: Mar 29 07:10:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47751	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	190564	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	117220	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	296998	20.00	ng		0.00
76) Chrysene-d12	21.73	240	323467	20.00	ng		0.00
87) Perylene-d12	25.03	264	334282	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	384295	133.79	ng		0.00
7) Phenol-d6	7.23	99	511373	128.82	ng		0.00
23) Nitrobenzene-d5	9.25	82	277721	77.46	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	176164	139.06	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	625255	79.04	ng		0.00
79) Terphenyl-d14	20.05	244	1137015	79.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	69662	51.577	ng		97
3) Pyridine	3.92	79	140199	38.553	ng		98
4) n-Nitrosodimethylamine	3.84	42	66201	39.355	ng		86
6) Aniline	7.40	93	146373	28.381	ng		97
8) 2-Chlorophenol	7.63	128	135993	40.445	ng		98
9) Benzaldehyde	7.21	77	48451	17.793	ng		92
10) Phenol	7.25	94	179097	41.565	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	131230	38.026	ng		95
12) 1,3-Dichlorobenzene	7.95	146	144060	39.413	ng		95
13) 1,4-Dichlorobenzene	8.11	146	147703	40.573	ng		97
14) 1,2-Dichlorobenzene	8.42	146	136946	39.337	ng		98
15) Benzyl Alcohol	8.31	79	118759	37.147	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	246844	37.269	ng		97
17) 2-Methylphenol	8.51	107	121938	40.897	ng		97
18) Hexachloroethane	9.15	117	54068	39.045	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	102364	35.965	ng		99
20) 3+4-Methylphenols	8.83	107	160952	39.848	ng		98
22) Acetophenone	8.90	105	200026	42.079	ng	#	96
24) Nitrobenzene	9.29	77	154088	41.505	ng		99
25) Isophorone	9.80	82	290184	39.338	ng		99
26) 2-Nitrophenol	10.00	139	68281	38.815	ng		94
27) 2,4-Dimethylphenol	10.04	122	132341	47.361	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	177352	40.637	ng		98
29) 2,4-Dichlorophenol	10.53	162	135120	44.550	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	139456	41.874	ng		98
31) Naphthalene	10.93	128	411527	42.131	ng		99
32) Benzoic acid	10.18	122	64030m	37.926	ng		
33) 4-Chloroaniline	11.05	127	96382	23.133	ng		95
34) Hexachlorobutadiene	11.20	225	86261	40.500	ng		89
35) Caprolactam	11.83	113	48790m	40.536	ng		
36) 4-Chloro-3-methylphenol	12.16	107	148108	42.476	ng		97
37) 2-Methylnaphthalene	12.54	142	302031	41.809	ng		99
38) 1-Methylnaphthalene	12.76	142	289812	41.371	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	150118	40.293	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	202190	98.839	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	105410	43.883	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	111247	42.490	ng		98
46) 1,1'-Biphenyl	13.54	154	387291	41.815	ng		98
47) 2-Chloronaphthalene	13.58	162	295810	41.637	ng		99
48) 2-Nitroaniline	13.80	65	99319	41.445	ng		100
49) Acenaphthylene	14.43	152	498603	41.393	ng		98
50) Dimethylphthalate	14.15	163	393198	42.860	ng		99
51) 2,6-Dinitrotoluene	14.28	165	88256	42.844	ng		95
52) Acenaphthene	14.76	154	287657	41.676	ng		96
53) 3-Nitroaniline	14.62	138	61055	28.001	ng		95
54) 2,4-Dinitrophenol	14.82	184	100257	91.516	ng		96
55) Dibenzofuran	15.10	168	480158	43.293	ng		98
56) 4-Nitrophenol	14.92	139	156124	88.715	ng		97
57) 2,4-Dinitrotoluene	15.06	165	128115	44.760	ng	#	98
58) Fluorene	15.75	166	374187	42.912	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	106234	44.714	ng		98
60) Diethylphthalate	15.50	149	408401	43.503	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	198345	42.554	ng		97
62) 4-Nitroaniline	15.78	138	103712	44.321	ng		96
63) Azobenzene	16.03	77	373841	42.218	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	67978	40.740	ng		97
66) n-Nitrosodiphenylamine	15.95	169	351563	40.451	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	130413	39.019	ng		98
68) Hexachlorobenzene	16.74	284	136085	40.496	ng		96
69) Atrazine	16.89	200	135383	41.876	ng		99
70) Pentachlorophenol	17.09	266	161172	82.957	ng		98
71) Phenanthrene	17.49	178	656599	42.061	ng		98
72) Anthracene	17.58	178	672403	43.033	ng		100
73) Carbazole	17.86	167	657425	44.458	ng		99
74) Di-n-butylphthalate	18.38	149	788961	45.011	ng		100
75) Fluoranthene	19.49	202	858681	46.453	ng		100
77) Benzidine	19.68	184	367455	31.458	ng		97
78) Pyrene	19.86	202	867281	40.772	ng		99
80) Butylbenzylphthalate	20.73	149	377713	41.496	ng		95
81) Benzo(a)anthracene	21.70	228	814204	40.866	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	187715	24.767	ng		99
83) Chrysene	21.77	228	778952	40.681	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	522531	40.159	ng		99
85) Di-n-octyl phthalate	22.80	149	900826	40.635	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	973351	41.562	ng	#	85
88) Benzo(b)fluoranthene	23.97	252	861602	42.099	ng		98
89) Benzo(k)fluoranthene	24.04	252	817760	43.450	ng		98
90) Benzo(a)pyrene	24.87	252	836794	43.577	ng		99
91) Dibenzo(a,h)anthracene	28.88	278	786119	44.079	ng		97
92) Benzo(g,h,i)perylene	30.02	276	810300	44.210	ng		98

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

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