Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040196.D
Acq On : 28 Mar 2019 12:22
Operator : JU/SJ
Sample : PB118303BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118303BS

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:21 PM

Quant Time: Mar 29 06:58:36 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	55555	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	236373	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	143814	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	361746	20.00	ng		0.00
76) Chrysene-d12	21.72	240	380997	20.00	ng		0.00
87) Perylene-d12	25.03	264	345311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	457436	136.88	ng		0.00
7) Phenol-d6	7.22	99	607483	131.53	ng		0.00
23) Nitrobenzene-d5	9.25	82	332039	74.67	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	210213	135.25	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	744943	76.75	ng		0.00
79) Terphenyl-d14	20.04	244	1276653	75.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	62083	39.509	ng		96
3) Pyridine	3.92	79	140584	33.228	ng		97
4) n-Nitrosodimethylamine	3.84	42	73352	37.481	ng	#	96
6) Aniline	7.39	93	178088	29.679	ng		99
8) 2-Chlorophenol	7.63	128	158088	40.412	ng		97
9) Benzaldehyde	7.21	77	45832	14.467	ng		96
10) Phenol	7.25	94	205687	41.031	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	153176	38.150	ng		99
12) 1,3-Dichlorobenzene	7.95	146	161645	38.012	ng		96
13) 1,4-Dichlorobenzene	8.11	146	164631	38.870	ng		100
14) 1,2-Dichlorobenzene	8.42	146	156192	38.563	ng		97
15) Benzyl Alcohol	8.31	79	142468	38.303	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	289644	37.588	ng		99
17) 2-Methylphenol	8.51	107	138263	39.858	ng		98
18) Hexachloroethane	9.15	117	60602	37.616	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	116880	35.297	ng		99
20) 3+4-Methylphenols	8.83	107	188042	40.015	ng		96
22) Acetophenone	8.90	105	236927	40.182	ng		95
24) Nitrobenzene	9.29	77	177858	38.623	ng		97
25) Isophorone	9.80	82	342022	37.379	ng		98
26) 2-Nitrophenol	10.00	139	81494	37.348	ng		98
27) 2,4-Dimethylphenol	10.04	122	154848	44.676	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	203909	37.667	ng		99
29) 2,4-Dichlorophenol	10.53	162	157499	41.865	ng		94
30) 1,2,4-Trichlorobenzene	10.74	180	167451	40.536	ng		98
31) Naphthalene	10.94	128	481866	39.772	ng		98
32) Benzoic acid	10.19	122	70693	33.758	ng		95
33) 4-Chloroaniline	11.05	127	135197	26.160	ng		96
34) Hexachlorobutadiene	11.20	225	100936	38.205	ng		93
35) Caprolactam	11.83	113	55195m	36.970	ng		
36) 4-Chloro-3-methylphenol	12.16	107	171231	39.591	ng		97
37) 2-Methylnaphthalene	12.53	142	356250	39.757	ng		98
38) 1-Methylnaphthalene	12.75	142	338954	39.009	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	179493	39.269	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	206391	82.235	ng		95
43) 2,4,6-Trichlorophenol	13.14	196	121817	41.336	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	132398	41.218	ng		99
46) 1,1'-Biphenyl	13.53	154	449316	39.541	ng		99
47) 2-Chloronaphthalene	13.58	162	349253	40.069	ng		98
48) 2-Nitroaniline	13.79	65	115849	39.403	ng		94
49) Acenaphthylene	14.43	152	582215	39.397	ng		99
50) Dimethylphthalate	14.15	163	453347	40.278	ng		99
51) 2,6-Dinitrotoluene	14.28	165	103124	40.805	ng		99
52) Acenaphthene	14.77	154	335197	39.583	ng		97
53) 3-Nitroaniline	14.62	138	77416	28.939	ng	#	89
54) 2,4-Dinitrophenol	14.82	184	124579	92.689	ng		96
55) Dibenzofuran	15.10	168	555040	40.790	ng		99
56) 4-Nitrophenol	14.92	139	185119	85.739	ng		98
57) 2,4-Dinitrotoluene	15.07	165	148575	42.309	ng		97
58) Fluorene	15.75	166	433712	40.541	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	123457	42.354	ng		97
60) Diethylphthalate	15.50	149	486697	42.257	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	234432	40.995	ng		99
62) 4-Nitroaniline	15.78	138	118264	41.194	ng		96
63) Azobenzene	16.03	77	441830	40.669	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	83792	41.229	ng		98
66) n-Nitrosodiphenylamine	15.95	169	406355	38.387	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	154070	37.847	ng		100
68) Hexachlorobenzene	16.74	284	158884	38.817	ng		95
69) Atrazine	16.90	200	151662	38.514	ng		98
70) Pentachlorophenol	17.09	266	185016	78.185	ng		93
71) Phenanthrene	17.49	178	763143	40.136	ng		99
72) Anthracene	17.58	178	776479	40.800	ng		100
73) Carbazole	17.85	167	747337	41.493	ng		99
74) Di-n-butylphthalate	18.39	149	897553	42.041	ng		99
75) Fluoranthene	19.50	202	977007	43.394	ng		100
77) Benzidine	19.68	184	329555	23.953	ng		98
78) Pyrene	19.86	202	979333	39.088	ng		100
80) Butylbenzylphthalate	20.73	149	423340	39.486	ng		98
81) Benzo(a)anthracene	21.71	228	911602	38.846	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	283305	31.735	ng		98
83) Chrysene	21.78	228	871579	38.645	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	587636	38.343	ng		99
85) Di-n-octyl phthalate	22.81	149	1018039	38.988	ng		98
86) Indeno(1,2,3-cd)pyrene	28.82	276	1086627	39.393	ng	#	92
88) Benzo(b)fluoranthene	23.97	252	950543	44.961	ng		98
89) Benzo(k)fluoranthene	24.04	252	922425	47.445	ng		98
90) Benzo(a)pyrene	24.87	252	925925	46.679	ng		99
91) Dibenzo(a,h)anthracene	28.89	278	877448	47.628	ng		97
92) Benzo(g,h,i)perylene	30.02	276	898670	47.465	ng		96

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

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