Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043817.D
Acq On : 17 Dec 2019 13:12
Operator : JU
Sample : PB125466BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125466BSD

Manual Integrations APPROVED
mohammad
12/18/2019 2:40:37 PM

Quant Time: Dec 17 18:16:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	111929	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	519342	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	385001	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	898823	20.00	ng		0.00
76) Chrysene-d12	21.63	240	757324	20.00	ng		0.00
87) Perylene-d12	24.79	264	795477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	812626	137.56	ng		0.01
7) Phenol-d6	7.17	99	1118205	131.25	ng		0.02
23) Nitrobenzene-d5	9.16	82	700116	75.69	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	464799	126.63	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1655661	75.54	ng		0.00
79) Terphenyl-d14	19.99	244	2422135	76.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	110514	40.398	ng		98
3) Pyridine	3.88	79	271623	35.932	ng		99
4) n-Nitrosodimethylamine	3.79	42	147376	40.661	ng	#	94
6) Aniline	7.33	93	398085	35.314	ng		97
8) 2-Chlorophenol	7.57	128	352759	51.241	ng		98
9) Benzaldehyde	7.14	77	236651	56.982	ng		96
10) Phenol	7.20	94	448822	51.027	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	316880	42.457	ng		96
12) 1,3-Dichlorobenzene	7.90	146	344018	41.700	ng		98
13) 1,4-Dichlorobenzene	8.04	146	347517	42.142	ng		99
14) 1,2-Dichlorobenzene	8.36	146	329215	41.435	ng		96
15) Benzyl Alcohol	8.24	79	323426	47.703	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	481435	40.248	ng		99
17) 2-Methylphenol	8.45	107	321561	51.215	ng		99
18) Hexachloroethane	9.10	117	125606	41.917	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	273033	41.919	ng		99
20) 3+4-Methylphenols	8.77	107	451210	51.610	ng		96
22) Acetophenone	8.83	105	485167	37.459	ng	#	98
24) Nitrobenzene	9.20	77	381257	40.466	ng		97
25) Isophorone	9.73	82	743626	40.255	ng		99
26) 2-Nitrophenol	9.91	139	190995	51.178	ng		98
27) 2,4-Dimethylphenol	9.98	122	360708	55.257	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	470251	39.769	ng		99
29) 2,4-Dichlorophenol	10.45	162	387691	48.363	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	363771	38.335	ng		99
31) Naphthalene	10.86	128	1032366	41.428	ng		99
32) Benzoic acid	10.11	122	204945	45.566	ng		97
33) 4-Chloroaniline	10.96	127	290038	24.005	ng		98
34) Hexachlorobutadiene	11.16	225	213356	37.107	ng		97
35) Caprolactam	11.73	113	152733m	48.548	ng		
36) 4-Chloro-3-methylphenol	12.09	107	417992	48.434	ng		97
37) 2-Methylnaphthalene	12.46	142	810498	41.963	ng		99
38) 1-Methylnaphthalene	12.68	142	777266	42.320	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	418739	36.195	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	513336	94.535	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	336887	45.815	ng	100
44) 2,4,5-Trichlorophenol	13.14	196	369696	47.989	ng	98
46) 1,1'-Biphenyl	13.47	154	1050576	39.581	ng	99
47) 2-Chloronaphthalene	13.51	162	840304	38.726	ng	99
48) 2-Nitroaniline	13.70	65	279002	43.598	ng	97
49) Acenaphthylene	14.35	152	1370354	42.395	ng	99
50) Dimethylphthalate	14.09	163	1125714	40.966	ng	99
51) 2,6-Dinitrotoluene	14.20	165	268160	45.283	ng	95
52) Acenaphthene	14.70	154	964778	45.371	ng	96
53) 3-Nitroaniline	14.53	138	199201	29.395	ng	94
54) 2,4-Dinitrophenol	14.73	184	271494	101.029	ng	92
55) Dibenzofuran	15.03	168	1322620	42.020	ng	100
56) 4-Nitrophenol	14.84	139	508721	102.898	ng	98
57) 2,4-Dinitrotoluene	14.98	165	376466	47.048	ng	98
58) Fluorene	15.68	166	1072385	42.268	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	332204m	48.062	ng	
60) Diethylphthalate	15.46	149	1136604	41.409	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	584360	41.127	ng	98
62) 4-Nitroaniline	15.69	138	285377	40.643	ng	99
63) Azobenzene	15.96	77	1066453	42.292	ng	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	192870	54.110	ng	99
66) n-Nitrosodiphenylamine	15.89	169	1022389	40.926	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	371393	38.648	ng	95
68) Hexachlorobenzene	16.69	284	386503	37.922	ng	98
69) Atrazine	16.83	200	407728	51.196	ng	99
70) Pentachlorophenol	17.03	266	489329	90.257	ng	98
71) Phenanthrene	17.42	178	1725189	40.544	ng	100
72) Anthracene	17.51	178	1770199	42.027	ng	98
73) Carbazole	17.77	167	1625620	41.287	ng	98
74) Di-n-butylphthalate	18.34	149	1873658	41.511	ng	99
75) Fluoranthene	19.43	202	1976593	40.587	ng	98
77) Benzidine	19.60	184	875395	52.984	ng	98
78) Pyrene	19.78	202	1994722	40.304	ng	99
80) Butylbenzylphthalate	20.68	149	893651	43.355	ng	100
81) Benzo(a)anthracene	21.61	228	1923600	40.244	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	568989	32.224	ng	99
83) Chrysene	21.68	228	1850803	40.642	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1230062	41.604	ng	98
85) Di-n-octyl phthalate	22.74	149	2137006	44.213	ng	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1980517	33.979	ng	97
88) Benzo(b)fluoranthene	23.80	252	1969874	43.010	ng	100
89) Benzo(k)fluoranthene	23.86	252	1911713	43.209	ng	99
90) Benzo(a)pyrene	24.64	252	1854796	42.495	ng	98
91) Dibenzo(a,h)anthracene	28.46	278	1681927	38.579	ng	99
92) Benzo(g,h,i)perylene	29.50	276	1618338	37.616	ng	100

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

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