Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
Data File : BG042750.D
Acq On : 6 Sep 2019 16:17
Operator : HP/JU
Sample : PB122825BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122825BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:59:43 AM

Quant Time: Sep 06 16:56:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27889	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	126249	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	103773	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	256200	20.00	ng		0.00
76) Chrysene-d12	21.69	240	214574	20.00	ng		0.00
87) Perylene-d12	24.94	264	206939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	186046	135.11	ng		0.00
7) Phenol-d6	7.17	99	241684	129.93	ng		0.00
23) Nitrobenzene-d5	9.16	82	122793	67.21	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	187711	127.26	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	442551	72.13	ng		0.00
79) Terphenyl-d14	20.02	244	795038	80.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	18766	32.656	ng	#	94
3) Pyridine	3.82	79	43262	29.359	ng		99
4) n-Nitrosodimethylamine	3.73	42	23082	43.856	ng		85
6) Aniline	7.31	93	81888	33.007	ng		94
8) 2-Chlorophenol	7.56	128	84733	50.773	ng		99
9) Benzaldehyde	7.12	77	31678	34.017	ng		99
10) Phenol	7.19	94	95044	50.256	ng		88
11) bis(2-Chloroethyl)ether	7.41	93	60812	40.943	ng		97
12) 1,3-Dichlorobenzene	7.88	146	88629	41.747	ng		98
13) 1,4-Dichlorobenzene	8.03	146	90688	42.172	ng		98
14) 1,2-Dichlorobenzene	8.35	146	86579	42.041	ng		97
15) Benzyl Alcohol	8.23	79	64657	48.316	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	77971	38.731	ng		98
17) 2-Methylphenol	8.45	107	67448	48.420	ng		96
18) Hexachloroethane	9.09	117	29329	39.839	ng		87
19) n-Nitroso-di-n-propylamine	8.80	70	50697	42.070	ng	#	92
20) 3+4-Methylphenols	8.78	107	93408	48.460	ng		98
22) Acetophenone	8.82	105	116520	43.152	ng	#	98
24) Nitrobenzene	9.21	77	76801	41.513	ng		96
25) Isophorone	9.73	82	148107	41.078	ng		97
26) 2-Nitrophenol	9.93	139	51541	44.457	ng		96
27) 2,4-Dimethylphenol	9.99	122	82666	51.763	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	89576	39.418	ng		98
29) 2,4-Dichlorophenol	10.47	162	103278	49.428	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	109608	42.738	ng		98
31) Naphthalene	10.87	128	252076	43.006	ng		99
32) Benzoic acid	10.17	122	34103	32.585	ng		100
33) 4-Chloroaniline	10.98	127	74418	27.503	ng		98
34) Hexachlorobutadiene	11.15	225	74133	43.010	ng		97
35) Caprolactam	11.76	113	30863m	44.267	ng		
36) 4-Chloro-3-methylphenol	12.11	107	94074	47.428	ng		94
37) 2-Methylnaphthalene	12.48	142	213681	45.402	ng		98
38) 1-Methylnaphthalene	12.70	142	202458	45.287	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	150359	45.119	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	97673	55.796	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	98420	43.692	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	106902	45.796	ng		99
46) 1,1'-Biphenyl	13.49	154	290700	43.337	ng		98
47) 2-Chloronaphthalene	13.53	162	238769	41.281	ng		98
48) 2-Nitroaniline	13.73	65	53654	38.468	ng		97
49) Acenaphthylene	14.38	152	380275	43.700	ng		97
50) Dimethylphthalate	14.11	163	325631	43.489	ng		99
51) 2,6-Dinitrotoluene	14.23	165	79248	45.661	ng		95
52) Acenaphthene	14.72	154	222398	42.089	ng		97
53) 3-Nitroaniline	14.56	138	51092	29.435	ng		98
54) 2,4-Dinitrophenol	14.79	184	90539	77.592	ng		98
55) Dibenzofuran	15.06	168	393294	44.966	ng		98
56) 4-Nitrophenol	14.89	139	100833	81.754	ng		93
57) 2,4-Dinitrotoluene	15.03	165	112244	45.163	ng		98
58) Fluorene	15.71	166	324766	45.424	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	110482m	47.860	ng		
60) Diethylphthalate	15.47	149	317320	43.352	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	193809	44.968	ng		98
62) 4-Nitroaniline	15.74	138	74611	40.164	ng		92
63) Azobenzene	15.99	77	202645	40.403	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	76751	47.782	ng		95
66) n-Nitrosodiphenylamine	15.91	169	305277	43.328	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	140093	43.109	ng		98
68) Hexachlorobenzene	16.72	284	147105	41.641	ng		99
69) Atrazine	16.87	200	112992	45.350	ng		98
70) Pentachlorophenol	17.07	266	153964	83.880	ng		98
71) Phenanthrene	17.45	178	555688	43.666	ng		98
72) Anthracene	17.55	178	562082	44.244	ng		99
73) Carbazole	17.82	167	473546	41.823	ng		99
74) Di-n-butylphthalate	18.37	149	533193	39.837	ng		100
75) Fluoranthene	19.47	202	655577	42.211	ng		95
77) Benzidine	19.65	184	124941	20.309	ng		98
78) Pyrene	19.83	202	647459	49.216	ng		98
80) Butylbenzylphthalate	20.71	149	195043	37.694	ng		93
81) Benzo(a)anthracene	21.67	228	567590	43.484	ng		96
82) 3,3'-Dichlorobenzidine	21.58	252	191417	36.463	ng	#	97
83) Chrysene	21.74	228	546912	43.446	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	287242	39.982	ng		98
85) Di-n-octyl phthalate	22.78	149	506563	40.996	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	724530	42.352	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	632340	55.582	ng	#	98
89) Benzo(k)fluoranthene	23.98	252	611454	55.915	ng	#	98
90) Benzo(a)pyrene	24.79	252	609652	56.472	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	605547	55.399	ng		98
92) Benzo(g,h,i)perylene	29.82	276	606899	55.515	ng		96

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

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