Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038680.D
Acq On : 18 Dec 2018 2:57
Operator : JU/SJ
Sample : J6403-08MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-BMS

Manual Integrations APPROVED
Sohil
12/18/2018 5:37:11 PM

Quant Time: Dec 18 04:02:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19917	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	79093	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	52070	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	132842	20.00	ng		0.00
76) Chrysene-d12	21.73	240	134353	20.00	ng		0.00
87) Perylene-d12	25.02	264	150444	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	166532	148.30	ng		0.01
7) Phenol-d6	7.22	99	200221	129.88	ng		0.01
23) Nitrobenzene-d5	9.24	82	156086	100.82	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	114699	159.83	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	361153	95.15	ng		0.00
79) Terphenyl-d14	20.04	244	699922	113.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19486	37.285	ng	#	1
3) Pyridine	3.91	79	52968	36.811	ng	#	90
4) n-Nitrosodimethylamine	3.82	42	38436	54.516	ng	#	84
6) Aniline	7.39	93	30641	15.570	ng		99
8) 2-Chlorophenol	7.62	128	60954	46.906	ng		97
9) Benzaldehyde	7.21	77	18379	18.378	ng		98
10) Phenol	7.24	94	66108	40.365	ng		91
11) bis(2-Chloroethyl)ether	7.48	93	55692	42.711	ng		98
12) 1,3-Dichlorobenzene	7.95	146	64869	42.219	ng		96
13) 1,4-Dichlorobenzene	8.09	146	66867	42.492	ng		97
14) 1,2-Dichlorobenzene	8.41	146	62373	42.044	ng		97
15) Benzyl Alcohol	8.30	79	57503	47.789	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	127643	42.733	ng		98
17) 2-Methylphenol	8.50	107	51634	47.056	ng		96
18) Hexachloroethane	9.14	117	24621	42.817	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	46890	43.308	ng		97
20) 3+4-Methylphenols	8.83	107	69757	46.032	ng		95
22) Acetophenone	8.89	105	93333	47.243	ng		99
24) Nitrobenzene	9.28	77	73841	47.146	ng		97
25) Isophorone	9.79	82	132995	47.811	ng		98
26) 2-Nitrophenol	9.99	139	36204	45.164	ng		95
27) 2,4-Dimethylphenol	10.04	122	61869	53.853	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	72190	45.987	ng	#	96
29) 2,4-Dichlorophenol	10.52	162	66444	51.988	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	68301	44.242	ng		98
31) Naphthalene	10.93	128	189528	48.635	ng		99
32) Benzoic acid	10.17	122	17893m	29.492	ng		
33) 4-Chloroaniline	11.06	127	5817	3.438	ng	#	87
34) Hexachlorobutadiene	11.19	225	44227	42.339	ng		91
35) Caprolactam	11.82	113	17423m	32.941	ng		
36) 4-Chloro-3-methylphenol	12.15	107	71301	48.887	ng		96
37) 2-Methylnaphthalene	12.53	142	140957	50.701	ng		96
38) 1-Methylnaphthalene	12.75	142	135795	50.335	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84826	43.582	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	91097	85.192	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	59477	49.699	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	64473	50.883	ng		97
46) 1,1'-Biphenyl	13.53	154	186905	42.818	ng		100
47) 2-Chloronaphthalene	13.58	162	151077	44.805	ng		98
48) 2-Nitroaniline	13.79	65	54464	50.711	ng		97
49) Acenaphthylene	14.42	152	249849	49.566	ng		99
50) Dimethylphthalate	14.15	163	205846	48.409	ng		99
51) 2,6-Dinitrotoluene	14.28	165	46185	47.928	ng		99
52) Acenaphthene	14.76	154	145518	48.277	ng		98
53) 3-Nitroaniline	14.62	138	13807	14.056	ng	#	99
54) 2,4-Dinitrophenol	14.82	184	29637	53.524	ng		92
55) Dibenzofuran	15.09	168	241836	46.806	ng		97
56) 4-Nitrophenol	14.92	139	61595	82.656	ng		86
57) 2,4-Dinitrotoluene	15.07	165	67005	49.369	ng		99
58) Fluorene	15.74	166	196721	51.390	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	58275	51.119	ng		97
60) Diethylphthalate	15.50	149	212515	45.526	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	110483	46.258	ng		98
62) 4-Nitroaniline	15.78	138	48287	47.748	ng		96
63) Azobenzene	16.03	77	186775	47.896	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	31294	33.023	ng		96
66) n-Nitrosodiphenylamine	15.95	169	182319	46.710	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	73766	45.468	ng		95
68) Hexachlorobenzene	16.74	284	77795	46.257	ng		98
69) Atrazine	16.89	200	76635	52.906	ng		93
70) Pentachlorophenol	17.09	266	64801	65.143	ng		98
71) Phenanthrene	17.49	178	352337	51.147	ng		98
72) Anthracene	17.58	178	356489	52.420	ng		98
73) Carbazole	17.85	167	318553	47.364	ng		100
74) Di-n-butylphthalate	18.38	149	381252	49.402	ng		99
75) Fluoranthene	19.50	202	445499	52.269	ng		97
77) Benzidine	19.68	184	78077	19.650	ng		97
78) Pyrene	19.86	202	441991	49.798	ng		99
80) Butylbenzylphthalate	20.73	149	171262	49.389	ng		97
81) Benzo(a)anthracene	21.71	228	431417	52.697	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	61703	19.004	ng		100
83) Chrysene	21.77	228	397877	50.457	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	240018	48.803	ng		100
85) Di-n-octyl phthalate	22.80	149	413593	50.214	ng		98
86) Indeno(1,2,3-cd)pyrene	28.82	276	490215	52.878	ng	#	96
88) Benzo(b)fluoranthene	23.97	252	428268	51.849	ng		99
89) Benzo(k)fluoranthene	24.04	252	413146	50.229	ng		100
90) Benzo(a)pyrene	24.87	252	412997	51.827	ng		97
91) Dibenzo(a,h)anthracene	28.88	278	407908	51.411	ng		99
92) Benzo(g,h,i)perylene	30.00	276	407126	52.067	ng		98

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

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