Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041512.D
Acq On : 28 Jun 2019 14:32
Operator : HP/JU
Sample : K3526-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMPMSD

Manual Integrations APPROVED
mohammad
7/2/2019 9:44:10 AM

Quant Time: Jul 01 01:36:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22520	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	81174	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	62291	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	189201	20.00	ng		0.00
76) Chrysene-d12	21.70	240	211527	20.00	ng		0.00
87) Perylene-d12	24.99	264	231030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	134468	106.45	ng		0.00
7) Phenol-d6	7.19	99	194950	109.63	ng		0.00
23) Nitrobenzene-d5	9.22	82	133146	68.41	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	119751	112.59	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	280530	57.79	ng		0.00
79) Terphenyl-d14	20.03	244	694499	69.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	15051	26.323	ng	#	87
3) Pyridine	3.82	79	35814	24.687	ng		94
4) n-Nitrosodimethylamine	3.75	42	23541	29.160	ng	#	95
6) Aniline	7.36	93	24564	10.717	ng	#	88
8) 2-Chlorophenol	7.59	128	48138	33.981	ng		97
9) Benzaldehyde	7.17	77	33002	30.732	ng		94
10) Phenol	7.22	94	63131	35.227	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	39774	27.986	ng		95
12) 1,3-Dichlorobenzene	7.92	146	52123	28.443	ng		99
13) 1,4-Dichlorobenzene	8.06	146	53198	28.797	ng		97
14) 1,2-Dichlorobenzene	8.38	146	50710	28.669	ng		99
15) Benzyl Alcohol	8.28	79	46666	32.954	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	54330	27.222	ng		98
17) 2-Methylphenol	8.48	107	44020	33.744	ng		93
18) Hexachloroethane	9.11	117	19759	27.107	ng		88
19) n-Nitroso-di-n-propylamine	8.83	70	38830	29.276	ng		95
20) 3+4-Methylphenols	8.81	107	58232	33.491	ng		96
22) Acetophenone	8.86	105	76589	31.455	ng		96
24) Nitrobenzene	9.25	77	63837	32.677	ng		98
25) Isophorone	9.77	82	109493	31.334	ng		97
26) 2-Nitrophenol	9.97	139	26261	32.188	ng		95
27) 2,4-Dimethylphenol	10.01	122	43660	38.450	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	56376	30.510	ng		98
29) 2,4-Dichlorophenol	10.51	162	54677	35.649	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	60153	30.600	ng		95
31) Naphthalene	10.90	128	146171	32.561	ng		98
32) Benzoic acid	10.15	122	3163m	9.282	ng		
33) 4-Chloroaniline	11.03	127	21219	11.229	ng	#	90
34) Hexachlorobutadiene	11.17	225	45151	28.935	ng		95
35) Caprolactam	11.81	113	16272m	33.978	ng		
36) 4-Chloro-3-methylphenol	12.14	107	62187	37.422	ng		92
37) 2-Methylnaphthalene	12.51	142	109491	33.014	ng		95
38) 1-Methylnaphthalene	12.73	142	104066	32.890	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	84744	30.896	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	76703	52.839	ng		92
43) 2,4,6-Trichlorophenol	13.12	196	53185	32.682	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	58634	36.165	ng		91
46) 1,1'-Biphenyl	13.51	154	154216	31.363	ng		99
47) 2-Chloronaphthalene	13.56	162	129929	30.778	ng		100
48) 2-Nitroaniline	13.78	65	44246	30.918	ng		95
49) Acenaphthylene	14.40	152	206038	32.653	ng		99
50) Dimethylphthalate	14.13	163	238367	42.051	ng		97
51) 2,6-Dinitrotoluene	14.26	165	38560	32.054	ng		95
52) Acenaphthene	14.74	154	117947	31.521	ng		98
53) 3-Nitroaniline	14.60	138	20741	18.061	ng		87
54) 2,4-Dinitrophenol	14.81	184	12314	21.863	ng		93
55) Dibenzofuran	15.07	168	214528	32.933	ng		98
56) 4-Nitrophenol	14.91	139	59626	80.452	ng		96
57) 2,4-Dinitrotoluene	15.05	165	58085	33.283	ng	#	95
58) Fluorene	15.73	166	174833	33.737	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	63921	37.399	ng		99
60) Diethylphthalate	15.48	149	184391	31.778	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	105565	31.581	ng		95
62) 4-Nitroaniline	15.77	138	37333	33.356	ng		97
63) Azobenzene	16.00	77	163797	33.482	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	30379	25.925	ng		97
66) n-Nitrosodiphenylamine	15.93	169	160455	30.814	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	74543	28.831	ng		98
68) Hexachlorobenzene	16.72	284	79264	28.454	ng		92
69) Atrazine	16.87	200	75645	34.319	ng		94
70) Pentachlorophenol	17.07	266	86387	68.439	ng		92
71) Phenanthrene	17.47	178	332022	31.851	ng		99
72) Anthracene	17.56	178	338084	32.414	ng		99
73) Carbazole	17.84	167	300692	33.913	ng		99
74) Di-n-butylphthalate	18.36	149	346641	31.105	ng		100
75) Fluoranthene	19.47	202	473727	34.085	ng		98
77) Benzidine	19.66	184	92741	19.760	ng		99
78) Pyrene	19.84	202	469453	32.510	ng		99
80) Butylbenzylphthalate	20.70	149	163573	30.331	ng		98
81) Benzo(a)anthracene	21.68	228	464748	31.603	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	85803	16.849	ng		99
83) Chrysene	21.75	228	457048	32.108	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	232297	30.383	ng		97
85) Di-n-octyl phthalate	22.76	149	399426	30.872	ng		99
86) Indeno(1,2,3-cd)pyrene	28.76	276	531042	30.809	ng		100
88) Benzo(b)fluoranthene	23.93	252	466896m	31.685	ng		
89) Benzo(k)fluoranthene	24.00	252	452964	31.310	ng		100
90) Benzo(a)pyrene	24.83	252	445079	31.802	ng		100
91) Dibenzo(a,h)anthracene	28.82	278	444947	31.735	ng		99
92) Benzo(g,h,i)perylene	29.95	276	446788	32.049	ng		99

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

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