Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038333.D
Acq On : 4 Dec 2018 19:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 05 02:40:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	35259	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	195710	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	179590	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	426876	20.00	ng		0.00
76) Chrysene-d12	21.74	240	397626	20.00	ng		0.00
87) Perylene-d12	25.06	264	421139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	183634	92.17	ng		0.00
7) Phenol-d6	7.23	99	399073	138.58	ng		0.00
23) Nitrobenzene-d5	9.25	82	291508	73.95	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	192132	87.15	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	924840	73.38	ng		0.00
79) Terphenyl-d14	20.06	244	1368814	73.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	38170	41.799	ng		97
3) Pyridine	3.91	79	115731	42.362	ng		97
4) n-Nitrosodimethylamine	3.84	42	51108	42.708	ng		88
6) Aniline	7.40	93	245934	66.865	ng		98
8) 2-Chlorophenol	7.63	128	99530	43.012	ng		98
9) Benzaldehyde	7.21	77	80767	44.292	ng		89
10) Phenol	7.25	94	196086	64.446	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	143741	57.684	ng		97
12) 1,3-Dichlorobenzene	7.96	146	106865	39.514	ng		95
13) 1,4-Dichlorobenzene	8.11	146	107615	38.458	ng		99
14) 1,2-Dichlorobenzene	8.43	146	101832	39.398	ng		97
15) Benzyl Alcohol	8.32	79	141478	59.757	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	228444	40.304	ng		95
17) 2-Methylphenol	8.51	107	117106	57.546	ng		94
18) Hexachloroethane	9.15	117	39531	39.142	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	133138	64.549	ng		93
20) 3+4-Methylphenols	8.84	107	186306	60.779	ng		95
22) Acetophenone	8.91	105	187411	39.648	ng		97
24) Nitrobenzene	9.29	77	149096	37.228	ng		96
25) Isophorone	9.81	82	352006	50.813	ng		98
26) 2-Nitrophenol	10.00	139	82281	44.340	ng	#	88
27) 2,4-Dimethylphenol	10.05	122	146351	54.908	ng		99
28) bis(2-Chloroethoxy)methane	10.29	93	200035	50.370	ng		96
29) 2,4-Dichlorophenol	10.53	162	169289	55.640	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	135004	37.799	ng		99
31) Naphthalene	10.94	128	375034	40.117	ng		99
32) Benzoic acid	10.25	122	135239	69.146	ng		96
33) 4-Chloroaniline	11.06	127	206232	49.833	ng		98
34) Hexachlorobutadiene	11.20	225	80582	36.064	ng		91
35) Caprolactam	11.87	113	89330	70.998	ng	#	85
36) 4-Chloro-3-methylphenol	12.17	107	215400	63.718	ng		97
37) 2-Methylnaphthalene	12.54	142	353669	53.123	ng		97
38) 1-Methylnaphthalene	12.76	142	345210	54.138	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	228378	36.956	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	79139	23.304	ng		98
43) 2,4,6-Trichlorophenol	13.14	196	170520	42.597	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	183068	43.168	ng		96
46) 1,1'-Biphenyl	13.55	154	568923	37.477	ng		98
47) 2-Chloronaphthalene	13.59	162	432252	37.734	ng		98
48) 2-Nitroaniline	13.81	65	163106	42.441	ng		98
49) Acenaphthylene	14.44	152	639474	37.066	ng		100
50) Dimethylphthalate	14.17	163	583847	40.532	ng		100
51) 2,6-Dinitrotoluene	14.30	165	136101	41.362	ng		95
52) Acenaphthene	14.78	154	410391	39.020	ng		99
53) 3-Nitroaniline	14.63	138	142030	40.079	ng	#	97
54) 2,4-Dinitrophenol	14.83	184	96252	53.362	ng		86
55) Dibenzofuran	15.11	168	682336	39.242	ng		94
56) 4-Nitrophenol	14.93	139	121196	43.294	ng		82
57) 2,4-Dinitrotoluene	15.08	165	189293	41.710	ng	#	96
58) Fluorene	15.76	166	549184	42.871	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	158674	43.080	ng		98
60) Diethylphthalate	15.52	149	696032	43.615	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	334518	43.475	ng		98
62) 4-Nitroaniline	15.80	138	156314	44.847	ng		91
63) Azobenzene	16.04	77	564921	40.448	ng		95
65) 4,6-Dinitro-2-methylphenol	15.84	198	132677	47.437	ng		96
66) n-Nitrosodiphenylamine	15.97	169	511289	42.594	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	201185	43.643	ng		98
68) Hexachlorobenzene	16.76	284	207565	43.653	ng		98
69) Atrazine	16.90	200	99483	22.210	ng		97
70) Pentachlorophenol	17.10	266	153138	47.021	ng		97
71) Phenanthrene	17.50	178	862219	40.333	ng		100
72) Anthracene	17.60	178	845781	40.855	ng		98
73) Carbazole	17.87	167	848154	41.279	ng		99
74) Di-n-butylphthalate	18.40	149	991560	41.308	ng	#	99
75) Fluoranthene	19.51	202	1003297	40.170	ng		97
77) Benzidine	19.69	184	306435	22.838	ng		99
78) Pyrene	19.88	202	1025770	36.870	ng		100
80) Butylbenzylphthalate	20.74	149	453886	40.563	ng		98
81) Benzo(a)anthracene	21.72	228	958379	39.216	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	353758	37.211	ng		100
83) Chrysene	21.80	228	910081	39.353	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	631077	39.790	ng		100
85) Di-n-octyl phthalate	22.82	149	1060897	39.011	ng		96
86) Indeno(1,2,3-cd)pyrene	28.86	276	1097695	41.765	ng		99
88) Benzo(b)fluoranthene	24.00	252	946249	39.765	ng		99
89) Benzo(k)fluoranthene	24.07	252	938119	39.584	ng		96
90) Benzo(a)pyrene	24.90	252	920940	39.899	ng		97
91) Dibenzo(a,h)anthracene	28.94	278	907229	41.442	ng		98
92) Benzo(g,h,i)perylene	30.07	276	902146	41.536	ng		96

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

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