Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036287.D
Acq On : 11 Aug 2018 4:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 11 05:09:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26425	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	98327	20.00	ng		-0.03
38) Acenaphthene-d10	14.63	164	71134	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	204003	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	228115	20.00	ng		-0.02
86) Perylene-d12	24.82	264	220824	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	114892	72.18	ng		0.00
7) Phenol-d6	7.18	99	167038	70.34	ng		-0.01
23) Nitrobenzene-d5	9.17	82	180295	76.60	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	84686	90.32	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	417310	78.60	ng		-0.03
78) Terphenyl-d14	19.98	244	837244	80.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	27649	34.131	ng	#	70
3) Pyridine	3.91	79	70478	33.326	ng	#	71
4) n-Nitrosodimethylamine	3.82	42	29683	32.688	ng	#	73
6) Aniline	7.34	93	102219	33.210	ng		95
8) 2-Chlorophenol	7.58	128	60430	37.331	ng		95
9) Benzaldehyde	7.15	77	47296	32.460	ng		94
10) Phenol	7.21	94	85543	35.655	ng		89
11) bis(2-Chloroethyl)ether	7.43	93	63080	33.573	ng		88
12) 1,3-Dichlorobenzene	7.89	146	74233	37.974	ng		96
13) 1,4-Dichlorobenzene	8.04	146	76098	38.313	ng		94
14) 1,2-Dichlorobenzene	8.36	146	72709	38.106	ng		98
15) Benzyl Alcohol	8.25	79	69801	32.368	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.53	45	45819	29.087	ng		68
17) 2-Methylphenol	8.46	107	57061	34.981	ng		92
18) Hexachloroethane	9.09	117	28558	37.605	ng		85
19) n-Nitroso-di-n-propylamine	8.80	70	62306	31.158	ng	#	86
20) 3+4-Methylphenols	8.79	107	77157	34.096	ng		92
22) Acetophenone	8.83	105	112931	36.933	ng	#	94
24) Nitrobenzene	9.21	77	90705	38.318	ng		90
25) Isophorone	9.73	82	149450	34.204	ng	#	97
26) 2-Nitrophenol	9.93	139	36146	42.995	ng	#	90
27) 2,4-Dimethylphenol	9.98	122	52430	36.843	ng		89
28) bis(2-Chloroethoxy)methane	10.21	93	85109	35.350	ng		99
29) 2,4-Dichlorophenol	10.47	162	67499	41.552	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	82130	41.231	ng		94
31) Naphthalene	10.86	128	194151	37.906	ng		97
32) Benzoic acid	10.16	122	17538	18.307	ng	#	80
33) 4-Chloroaniline	10.98	127	83537	37.421	ng		95
34) Hexachlorobutadiene	11.14	225	68254	43.942	ng		98
35) Caprolactam	11.76	113	23702	34.000	ng	#	52
36) 4-Chloro-3-methylphenol	12.10	107	86132	39.557	ng		89
37) 2-Methylnaphthalene	12.46	142	149093	39.071	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	108869	40.550	ng		99
40) Hexachlorocyclopentadiene	12.80	237	66865	47.488	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	66126	42.116	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	73055	41.592	ng	#	95
45) 1,1'-Biphenyl	13.46	154	213056	38.632	ng		99
46) 2-Chloronaphthalene	13.51	162	162164	37.802	ng		97
47) 2-Nitroaniline	13.72	65	58617	38.651	ng		91
48) Acenaphthylene	14.36	152	274646	38.220	ng		99
49) Dimethylphthalate	14.09	163	232519	37.308	ng		99
50) 2,6-Dinitrotoluene	14.21	165	54776	43.160	ng		90
51) Acenaphthene	14.70	154	171645	38.345	ng		96
52) 3-Nitroaniline	14.54	138	50559	38.977	ng	#	93
53) 2,4-Dinitrophenol	14.75	184	19214	33.600	ng	#	60
54) Dibenzofuran	15.03	168	279040	39.196	ng		94
55) 4-Nitrophenol	14.87	139	33931	36.730	ng	#	82
56) 2,4-Dinitrotoluene	15.00	165	79228	43.514	ng	#	89
57) Fluorene	15.68	166	234990	39.383	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	70612	41.929	ng	#	93
59) Diethylphthalate	15.44	149	243928	38.063	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	143034	40.786	ng		97
61) 4-Nitroaniline	15.71	138	51149	37.696	ng	#	80
62) Azobenzene	15.96	77	230482	36.461	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	42298	37.247	ng		87
65) n-Nitrosodiphenylamine	15.88	169	225927	38.908	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	95167	40.209	ng		94
67) Hexachlorobenzene	16.68	284	98767	40.522	ng		92
68) Atrazine	16.83	200	88455	36.998	ng		96
69) Pentachlorophenol	17.03	266	58293	39.266	ng		97
70) Phenanthrene	17.42	178	399745	39.270	ng		99
71) Anthracene	17.51	178	396470	39.115	ng		98
72) Carbazole	17.79	167	369151	38.350	ng		98
73) Di-n-butylphthalate	18.33	149	443256	38.967	ng	#	98
74) Fluoranthene	19.42	202	543880	39.666	ng		97
76) Benzidine	19.61	184	125311	20.895	ng	#	95
77) Pyrene	19.79	202	550508	38.166	ng		97
79) Butylbenzylphthalate	20.67	149	200727	38.915	ng	#	94
80) Benzo(a)anthracene	21.62	228	545793	38.394	ng		100
81) 3,3'-Dichlorobenzidine	21.53	252	186964	37.720	ng		99
82) Chrysene	21.69	228	510940	38.786	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	280915	40.060	ng	#	99
84) Di-n-octyl phthalate	22.71	149	472275	40.223	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.45	276	547775	37.559	ng	#	72
87) Benzo(b)fluoranthene	23.81	252	528129	39.349	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	508201	38.730	ng	#	96
89) Benzo(a)pyrene	24.68	252	491725	39.381	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	441122	35.985	ng	#	96
91) Benzo(g,h,i)perylene	29.58	276	439513	36.640	ng	#	93

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

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