Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038331.D
Acq On : 4 Dec 2018 16:17
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG120418

Quant Time: Dec 04 19:16:56 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	8.08	152	39942	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	187571	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	108060	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	255270	20.00	ng		0.00
76) Chrysene-d12	21.74	240	216403	20.00	ng		0.00
87) Perylene-d12	25.05	264	226049	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	181093	80.23	ng		0.00
7) Phenol-d6	7.22	99	258727	79.31	ng		0.00
23) Nitrobenzene-d5	9.25	82	282106	74.67	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	102737	77.45	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	629585	83.02	ng		0.00
79) Terphenyl-d14	20.06	244	753781	74.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	37944	36.680	ng		98
3) Pyridine	3.91	79	138249	44.672	ng		98
4) n-Nitrosodimethylamine	3.83	42	59484	43.880	ng		97
6) Aniline	7.40	93	165300	39.673	ng		96
8) 2-Chlorophenol	7.63	128	105723	40.332	ng		99
9) Benzaldehyde	7.22	77	79979	38.717	ng		99
10) Phenol	7.25	94	135123	39.203	ng		95
11) bis(2-Chloroethyl)ether	7.49	93	110616	39.186	ng		98
12) 1,3-Dichlorobenzene	7.96	146	124147	40.522	ng		98
13) 1,4-Dichlorobenzene	8.11	146	125012	39.437	ng		98
14) 1,2-Dichlorobenzene	8.43	146	115061	39.271	ng		97
15) Benzyl Alcohol	8.32	79	109712	40.907	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	244661	38.105	ng		96
17) 2-Methylphenol	8.51	107	92760	38.168	ng		96
18) Hexachloroethane	9.16	117	51564	45.070	ng		93
19) n-Nitroso-di-n-propylamine	8.88	70	93358	39.109	ng		94
20) 3+4-Methylphenols	8.84	107	133112	38.334	ng		96
22) Acetophenone	8.90	105	170695	37.541	ng	#	98
24) Nitrobenzene	9.30	77	141192	36.784	ng		93
25) Isophorone	9.81	82	341521	51.438	ng		96
26) 2-Nitrophenol	10.01	139	98062	55.137	ng		98
27) 2,4-Dimethylphenol	10.05	122	143498	56.174	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	210022	55.179	ng		97
29) 2,4-Dichlorophenol	10.54	162	146241	50.151	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	136446	39.860	ng		97
31) Naphthalene	10.94	128	360383	40.222	ng		100
32) Benzoic acid	10.20	122	97017	52.952	ng		99
33) 4-Chloroaniline	11.06	127	165054	41.613	ng		99
34) Hexachlorobutadiene	11.21	225	85782	40.057	ng		96
35) Caprolactam	11.85	113	45661	37.865	ng	#	85
36) 4-Chloro-3-methylphenol	12.16	107	124667	38.478	ng		97
37) 2-Methylnaphthalene	12.55	142	244029	38.245	ng		97
38) 1-Methylnaphthalene	12.76	142	253154	41.424	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	153955	41.404	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	86621	42.391	ng		97
43) 2,4,6-Trichlorophenol	13.15	196	107526	44.641	ng		97
44) 2,4,5-Trichlorophenol	13.22	196	111281	43.610	ng		95
46) 1,1'-Biphenyl	13.55	154	374144	40.961	ng		100
47) 2-Chloronaphthalene	13.59	162	284714	41.307	ng		100
48) 2-Nitroaniline	13.80	65	99258	42.924	ng		98
49) Acenaphthylene	14.44	152	421385	40.593	ng		98
50) Dimethylphthalate	14.16	163	363199	41.904	ng		99
51) 2,6-Dinitrotoluene	14.29	165	80979	40.901	ng		90
52) Acenaphthene	14.78	154	256457	40.525	ng		99
53) 3-Nitroaniline	14.63	138	90120	42.264	ng	#	98
54) 2,4-Dinitrophenol	14.83	184	44216	40.740	ng	#	83
55) Dibenzofuran	15.11	168	419159	40.064	ng		97
56) 4-Nitrophenol	14.92	139	71731	42.585	ng		90
57) 2,4-Dinitrotoluene	15.08	165	115796	42.405	ng	#	96
58) Fluorene	15.76	166	297314	38.572	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	88267	39.828	ng		97
60) Diethylphthalate	15.51	149	366621	38.180	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	179017	38.666	ng		99
62) 4-Nitroaniline	15.80	138	82863	39.510	ng		91
63) Azobenzene	16.04	77	314108	37.377	ng		96
65) 4,6-Dinitro-2-methylphenol	15.84	198	68965	41.233	ng		92
66) n-Nitrosodiphenylamine	15.96	169	287666	40.074	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	109810	39.835	ng		99
68) Hexachlorobenzene	16.75	284	113365	39.870	ng		100
69) Atrazine	16.91	200	104293	38.937	ng		99
70) Pentachlorophenol	17.10	266	78736	40.429	ng		98
71) Phenanthrene	17.50	178	499957	39.109	ng		99
72) Anthracene	17.59	178	510434	41.231	ng		98
73) Carbazole	17.87	167	470853	38.321	ng		99
74) Di-n-butylphthalate	18.40	149	538624	37.524	ng		98
75) Fluoranthene	19.51	202	551993	36.958	ng		97
77) Benzidine	19.69	184	293052	40.131	ng		99
78) Pyrene	19.87	202	562561	37.154	ng		98
80) Butylbenzylphthalate	20.74	149	263348	43.244	ng		98
81) Benzo(a)anthracene	21.72	228	527448	39.657	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	209276	40.448	ng		99
83) Chrysene	21.79	228	497912	39.560	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	348675	40.395	ng		98
85) Di-n-octyl phthalate	22.82	149	582204	39.337	ng		98
86) Indeno(1,2,3-cd)pyrene	28.85	276	564038	39.432	ng	#	95
88) Benzo(b)fluoranthene	23.99	252	504080	39.466	ng		98
89) Benzo(k)fluoranthene	24.06	252	491482	38.636	ng		98
90) Benzo(a)pyrene	24.90	252	481719	38.882	ng		96
91) Dibenzo(a,h)anthracene	28.92	278	468198	39.845	ng		98
92) Benzo(g,h,i)perylene	30.06	276	468958	40.226	ng		97

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

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