Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040098.D
Acq On : 23 Mar 2019 2:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
3/25/2019 11:58:07 AM

Quant Time: Mar 23 04:31:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43722	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	204170	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	139672	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	325995	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	318584	20.00	ng		-0.02
87) Perylene-d12	25.17	264	330581	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	200868	78.38	ng		-0.02
7) Phenol-d6	7.29	99	308474	80.72	ng		-0.02
23) Nitrobenzene-d5	9.32	82	304004	80.53	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	133383	81.93	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	757682	77.24	ng		-0.02
79) Terphenyl-d14	20.11	244	1115661	77.11	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	42923	36.277	ng		90
3) Pyridine	3.98	79	123027	38.839	ng		93
4) n-Nitrosodimethylamine	3.90	42	57741	38.425	ng		87
6) Aniline	7.47	93	197591	39.467	ng		98
8) 2-Chlorophenol	7.70	128	121430	39.055	ng		99
9) Benzaldehyde	7.28	77	81354	33.004	ng		97
10) Phenol	7.32	94	166461	40.211	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	126443	39.175	ng		97
12) 1,3-Dichlorobenzene	8.03	146	136507	38.820	ng		97
13) 1,4-Dichlorobenzene	8.18	146	139656	38.991	ng		99
14) 1,2-Dichlorobenzene	8.50	146	132860	38.391	ng		98
15) Benzyl Alcohol	8.38	79	121902	40.215	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	243264	37.685	ng		97
17) 2-Methylphenol	8.58	107	105862	40.105	ng		99
18) Hexachloroethane	9.22	117	49024	38.145	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	106155	38.595	ng		89
20) 3+4-Methylphenols	8.91	107	149548	40.782	ng		96
22) Acetophenone	8.98	105	211659	38.625	ng	#	93
24) Nitrobenzene	9.36	77	158122	39.927	ng		95
25) Isophorone	9.88	82	307522	38.878	ng		99
26) 2-Nitrophenol	10.08	139	79638	41.649	ng		96
27) 2,4-Dimethylphenol	10.12	122	119027	40.025	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	186251	38.747	ng		98
29) 2,4-Dichlorophenol	10.60	162	138576	41.388	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	148472	39.407	ng		94
31) Naphthalene	11.01	128	422958	39.127	ng		100
32) Benzoic acid	10.26	122	68781	35.653	ng		97
33) 4-Chloroaniline	11.13	127	185488	40.465	ng		98
34) Hexachlorobutadiene	11.27	225	103290	40.119	ng		94
35) Caprolactam	11.92	113	49128	38.411	ng		91
36) 4-Chloro-3-methylphenol	12.23	107	155581	40.535	ng		97
37) 2-Methylnaphthalene	12.61	142	318794	39.446	ng		99
38) 1-Methylnaphthalene	12.82	142	311213	39.625	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	189777	40.107	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	96579	38.087	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	116681	42.120	ng		96
44) 2,4,5-Trichlorophenol	13.28	196	124647	39.919	ng		98
46) 1,1'-Biphenyl	13.61	154	446938	38.905	ng		100
47) 2-Chloronaphthalene	13.65	162	340356	39.383	ng		98
48) 2-Nitroaniline	13.86	65	112353	40.454	ng		91
49) Acenaphthylene	14.50	152	560379	39.499	ng		99
50) Dimethylphthalate	14.22	163	446285	38.212	ng		100
51) 2,6-Dinitrotoluene	14.35	165	101908	41.159	ng		95
52) Acenaphthene	14.83	154	337429	39.517	ng		99
53) 3-Nitroaniline	14.69	138	97040	38.990	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	66691	45.162	ng		99
55) Dibenzofuran	15.17	168	550134	39.268	ng		99
56) 4-Nitrophenol	14.98	139	78023	35.044	ng		92
57) 2,4-Dinitrotoluene	15.13	165	142331	40.912	ng	#	86
58) Fluorene	15.81	166	427972	38.859	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	124665	40.880	ng		98
60) Diethylphthalate	15.57	149	447881	38.739	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	227247	38.667	ng		97
62) 4-Nitroaniline	15.85	138	102948	38.154	ng		93
63) Azobenzene	16.09	77	406580	38.795	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	77984	40.459	ng		97
66) n-Nitrosodiphenylamine	16.01	169	384307	40.721	ng		95
67) 4-Bromophenyl-phenylether	16.70	248	149509	40.973	ng		95
68) Hexachlorobenzene	16.81	284	155259	41.048	ng		95
69) Atrazine	16.95	200	138366	37.252	ng		96
70) Pentachlorophenol	17.16	266	104377	43.695	ng		98
71) Phenanthrene	17.56	178	700366	39.004	ng		100
72) Anthracene	17.65	178	691902	39.542	ng		99
73) Carbazole	17.92	167	604649	38.330	ng		98
74) Di-n-butylphthalate	18.45	149	721011	38.847	ng		99
75) Fluoranthene	19.56	202	800335	37.714	ng		98
77) Benzidine	19.74	184	314011m	31.061	ng		
78) Pyrene	19.93	202	807605	39.011	ng		99
80) Butylbenzylphthalate	20.78	149	323321	40.312	ng		96
81) Benzo(a)anthracene	21.78	228	777752	38.953	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	275761	37.829	ng		98
83) Chrysene	21.85	228	749119	38.700	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	450277	39.951	ng		100
85) Di-n-octyl phthalate	22.90	149	759614	40.705	ng		94
86) Indeno(1,2,3-cd)pyrene	29.04	276	881322	40.134	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	778652	39.499	ng		98
89) Benzo(k)fluoranthene	24.16	252	707805	38.572	ng		99
90) Benzo(a)pyrene	25.01	252	729612	40.053	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	703739	39.407	ng		97
92) Benzo(g,h,i)perylene	30.26	276	711554	39.673	ng		96

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

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