Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034082.D
Acq On : 1 May 2018 17:16
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG050118

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:39 PM

Quant Time: May 01 17:50:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 17:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	66467	20.00	ng		0.02
21) Naphthalene-d8	10.91	136	277305	20.00	ng		0.01
38) Acenaphthene-d10	14.73	164	219544	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	576296	20.00	ng		0.00
75) Chrysene-d12	21.77	240	583922	20.00	ng		0.00
86) Perylene-d12	25.07	264	584571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	314018	76.33	ng		0.01
7) Phenol-d6	7.23	99	493206	77.01	ng		0.01
23) Nitrobenzene-d5	9.25	82	570223	78.90	ng		0.01
41) 2,4,6-Tribromophenol	16.22	330	240113	78.98	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	1152746	76.51	ng		0.00
78) Terphenyl-d14	20.09	244	2128584	79.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	67571	39.113	ng	#	81
3) Pyridine	3.95	79	211053	38.936	ng		89
4) n-Nitrosodimethylamine	3.87	42	114248	38.655	ng	#	74
6) Aniline	7.41	93	337244	38.713	ng		97
8) 2-Chlorophenol	7.65	128	154086	37.535	ng		89
9) Benzaldehyde	7.22	77	141893	40.340	ng		92
10) Phenol	7.26	94	244506	37.850	ng	#	67
11) bis(2-Chloroethyl)ether	7.51	93	192974	37.945	ng		94
12) 1,3-Dichlorobenzene	7.98	146	194857	37.519	ng	#	88
13) 1,4-Dichlorobenzene	8.13	146	196021	38.004	ng		93
14) 1,2-Dichlorobenzene	8.44	146	188620m	38.499	ng		
15) Benzyl Alcohol	8.32	79	263539	38.573	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.61	45	276129	39.463	ng		85
17) 2-Methylphenol	8.52	107	170918m	40.211	ng		
18) Hexachloroethane	9.18	117	80787	36.818	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	225750	39.249	ng	#	97
20) 3+4-Methylphenols	8.85	107	241453	38.355	ng	#	78
22) Acetophenone	8.91	105	358645	37.968	ng	#	91
24) Nitrobenzene	9.30	77	305014	38.554	ng	#	86
25) Isophorone	9.82	82	562509	38.152	ng	#	95
26) 2-Nitrophenol	10.01	139	88591	40.451	ng	#	80
27) 2,4-Dimethylphenol	10.06	122	166712	39.265	ng		87
28) bis(2-Chloroethoxy)methane	10.31	93	271715	37.518	ng		98
29) 2,4-Dichlorophenol	10.54	162	191165	37.667	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	233831	38.264	ng		97
31) Naphthalene	10.96	128	560854	38.479	ng		97
32) Benzoic acid	10.19	122	145096	39.707	ng	#	82
33) 4-Chloroaniline	11.06	127	255176	38.824	ng	#	86
34) Hexachlorobutadiene	11.24	225	198374	38.353	ng		95
35) Caprolactam	11.83	113	72762	40.364	ng	#	91
36) 4-Chloro-3-methylphenol	12.17	107	257830	39.181	ng		91
37) 2-Methylnaphthalene	12.56	142	451401	38.195	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	326788	38.466	ng		98
40) Hexachlorocyclopentadiene	12.91	237	195957	38.928	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	198148	40.144	ng		99
43) 2,4,5-Trichlorophenol	13.22	196	217012	39.770	ng	#	87
45) 1,1'-Biphenyl	13.57	154	648502	37.812	ng		100
46) 2-Chloronaphthalene	13.61	162	500719	38.563	ng		96
47) 2-Nitroaniline	13.80	65	216567	41.718	ng		86
48) Acenaphthylene	14.45	152	784410	37.838	ng		98
49) Dimethylphthalate	14.18	163	735984	38.660	ng		99
50) 2,6-Dinitrotoluene	14.30	165	153349	41.941	ng	#	78
51) Acenaphthene	14.79	154	548528	38.932	ng		95
52) 3-Nitroaniline	14.62	138	150496	40.837	ng	#	81
53) 2,4-Dinitrophenol	14.82	184	58210	40.696	ng	#	68
54) Dibenzofuran	15.12	168	797974	39.067	ng	#	89
55) 4-Nitrophenol	14.92	139	113781	40.450	ng	#	46
56) 2,4-Dinitrotoluene	15.08	165	214699	43.245	ng		94
57) Fluorene	15.78	166	664981	37.352	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.35	232	224456	39.762	ng		96
59) Diethylphthalate	15.55	149	763967	37.922	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	408032	38.525	ng		98
61) 4-Nitroaniline	15.79	138	155734	39.838	ng	#	53
62) Azobenzene	16.06	77	824699	37.895	ng		93
64) 4,6-Dinitro-2-methylphenol	15.85	198	110408	40.746	ng		89
65) n-Nitrosodiphenylamine	15.98	169	608438	38.719	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	273418	38.213	ng	#	91
67) Hexachlorobenzene	16.78	284	293010	40.342	ng		95
68) Atrazine	16.93	200	272719	41.254	ng		96
69) Pentachlorophenol	17.12	266	207134	40.917	ng		95
70) Phenanthrene	17.52	178	1133437	38.275	ng		97
71) Anthracene	17.61	178	1149489	38.301	ng		98
72) Carbazole	17.88	167	1056353	38.449	ng		97
73) Di-n-butylphthalate	18.46	149	1281650	38.756	ng	#	96
74) Fluoranthene	19.53	202	1442301	38.544	ng		93
76) Benzidine	19.71	184	606250	40.306	ng		97
77) Pyrene	19.89	202	1450924	39.660	ng		94
79) Butylbenzylphthalate	20.79	149	572268	40.070	ng		88
80) Benzo(a)anthracene	21.76	228	1462229	39.074	ng		97
81) 3,3'-Dichlorobenzidine	21.67	252	553666	39.124	ng	#	95
82) Chrysene	21.82	228	1381564	38.572	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	769914	39.170	ng		96
84) Di-n-octyl phthalate	22.94	149	1231916	39.241	ng		98
85) Indeno(1,2,3-cd)pyrene	28.84	276	1562652	39.643	ng	#	84
87) Benzo(b)fluoranthene	24.03	252	1440204	39.002	ng	#	96
88) Benzo(k)fluoranthene	24.10	252	1414438	40.077	ng	#	95
89) Benzo(a)pyrene	24.92	252	1367158	39.573	ng	#	95
90) Dibenzo(a,h)anthracene	28.93	278	1276520	39.198	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	1262001	39.316	ng	#	93

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

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