Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035390.D
Acq On : 26 Jun 2018 00:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/27/2018 10:48:29 AM

Quant Time: Jun 26 01:45:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48913	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	198106	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	140722	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	374323	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	400867	20.00	ng		-0.03
86) Perylene-d12	24.90	264	402079	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	210451	72.61	ng		-0.02
7) Phenol-d6	7.21	99	326228	76.26	ng		-0.01
23) Nitrobenzene-d5	9.21	82	342106	82.09	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	156974	87.14	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	802248	74.11	ng		-0.03
78) Terphenyl-d14	20.02	244	1358833	71.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	51662	37.359	ng	#	67
3) Pyridine	3.94	79	137881	36.954	ng	#	70
4) n-Nitrosodimethylamine	3.86	42	53104	33.129	ng	#	67
6) Aniline	7.38	93	205883	37.233	ng		96
8) 2-Chlorophenol	7.62	128	113472	37.350	ng		96
9) Benzaldehyde	7.19	77	99190	30.103	ng		92
10) Phenol	7.24	94	166823	37.683	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	124076	36.109	ng		91
12) 1,3-Dichlorobenzene	7.94	146	135701	37.436	ng		97
13) 1,4-Dichlorobenzene	8.09	146	136698	36.531	ng		95
14) 1,2-Dichlorobenzene	8.41	146	135785	38.632	ng		96
15) Benzyl Alcohol	8.29	79	139204	34.342	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	93661	27.387	ng		72
17) 2-Methylphenol	8.49	107	108321	37.112	ng	#	91
18) Hexachloroethane	9.14	117	48273	36.034	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	120187	33.070	ng	#	84
20) 3+4-Methylphenols	8.82	107	157293	37.598	ng		93
22) Acetophenone	8.87	105	221372	36.073	ng	#	90
24) Nitrobenzene	9.26	77	167558	39.262	ng		93
25) Isophorone	9.78	82	304174	34.568	ng		98
26) 2-Nitrophenol	9.97	139	67151	45.648	ng	#	88
27) 2,4-Dimethylphenol	10.02	122	108799	35.187	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	171968	36.368	ng		97
29) 2,4-Dichlorophenol	10.50	162	129972	38.631	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	158551	39.301	ng		98
31) Naphthalene	10.91	128	383665	37.280	ng		97
32) Benzoic acid	10.15	122	81205	39.209	ng		94
33) 4-Chloroaniline	11.01	127	167493	37.482	ng		96
34) Hexachlorobutadiene	11.19	225	115910	36.943	ng		96
35) Caprolactam	11.79	113	47851	38.484	ng	#	65
36) 4-Chloro-3-methylphenol	12.13	107	163761	39.047	ng		99
37) 2-Methylnaphthalene	12.51	142	298053	38.200	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	211013	40.258	ng		99
40) Hexachlorocyclopentadiene	12.85	237	116171	35.343	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	130854	41.692	ng		93
43) 2,4,5-Trichlorophenol	13.18	196	143783	41.739	ng		95
45) 1,1'-Biphenyl	13.51	154	427605	37.789	ng		100
46) 2-Chloronaphthalene	13.56	162	327253	38.252	ng		97
47) 2-Nitroaniline	13.76	65	110500	43.740	ng		96
48) Acenaphthylene	14.40	152	540353	37.668	ng		96
49) Dimethylphthalate	14.13	163	457581	37.288	ng		98
50) 2,6-Dinitrotoluene	14.24	165	99415	44.407	ng	#	90
51) Acenaphthene	14.74	154	375009	40.010	ng		95
52) 3-Nitroaniline	14.58	138	100661	45.822	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	45609	50.340	ng	#	65
54) Dibenzofuran	15.07	168	539406	38.426	ng		92
55) 4-Nitrophenol	14.88	139	71572	38.604	ng	#	80
56) 2,4-Dinitrotoluene	15.03	165	139850	47.026	ng		91
57) Fluorene	15.72	166	450078	38.364	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	139166	41.585	ng		93
59) Diethylphthalate	15.49	149	463692	37.036	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	265406	39.674	ng		97
61) 4-Nitroaniline	15.74	138	103241	43.822	ng	#	82
62) Azobenzene	16.01	77	437381	35.650	ng		95
64) 4,6-Dinitro-2-methylphenol	15.79	198	83374	48.784	ng		83
65) n-Nitrosodiphenylamine	15.92	169	421518	37.497	ng		96
66) 4-Bromophenyl-phenylether	16.60	248	176805	39.222	ng		95
67) Hexachlorobenzene	16.72	284	180742	39.393	ng		94
68) Atrazine	16.87	200	177523	37.032	ng		98
69) Pentachlorophenol	17.06	266	121113	39.256	ng		97
70) Phenanthrene	17.46	178	712469	37.469	ng		99
71) Anthracene	17.55	178	706070	37.070	ng		97
72) Carbazole	17.82	167	651339	36.856	ng		99
73) Di-n-butylphthalate	18.37	149	752237	35.712	ng	#	99
74) Fluoranthene	19.47	202	907022	36.657	ng		96
76) Benzidine	19.64	184	331500	22.228	ng		97
77) Pyrene	19.82	202	928647	35.140	ng		97
79) Butylbenzylphthalate	20.71	149	342971	35.741	ng	#	91
80) Benzo(a)anthracene	21.66	228	931532	36.364	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	338995	35.174	ng	#	97
82) Chrysene	21.73	228	869194	37.059	ng		96
83) Bis(2-ethylhexyl)phthalate	21.57	149	462697	34.124	ng	#	96
84) Di-n-octyl phthalate	22.78	149	800186	34.398	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1026364	37.364	ng	#	84
87) Benzo(b)fluoranthene	23.88	252	921936	37.234	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	872338m	36.015	ng		
89) Benzo(a)pyrene	24.75	252	856966	36.781	ng	#	94
90) Dibenzo(a,h)anthracene	28.62	278	839934	36.518	ng	#	95
91) Benzo(g,h,i)perylene	29.72	276	837453	37.205	ng	#	93

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

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