Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036234.D
Acq On : 9 Aug 2018 15:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:44 PM

Quant Time: Aug 10 04:23:00 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	8.00	152	46470	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	179849	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	131670	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	347256	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	383992	20.00	ng		-0.01
86) Perylene-d12	24.83	264	378348	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	203539	72.72	ng		0.00
7) Phenol-d6	7.19	99	309197	74.04	ng		0.00
23) Nitrobenzene-d5	9.17	82	334720	77.75	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	149472	86.13	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	747731	76.08	ng		-0.02
78) Terphenyl-d14	19.99	244	1341522	77.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	45814	32.159	ng	#	71
3) Pyridine	3.91	79	123880	33.309	ng	#	72
4) n-Nitrosodimethylamine	3.82	42	54726	34.271	ng	#	86
6) Aniline	7.34	93	181306	33.496	ng		97
8) 2-Chlorophenol	7.58	128	107212	37.662	ng		95
9) Benzaldehyde	7.15	77	91126	35.563	ng		97
10) Phenol	7.21	94	154105	36.526	ng		92
11) bis(2-Chloroethyl)ether	7.43	93	111349	33.700	ng		90
12) 1,3-Dichlorobenzene	7.90	146	131358	38.211	ng	#	92
13) 1,4-Dichlorobenzene	8.05	146	134568	38.527	ng		97
14) 1,2-Dichlorobenzene	8.36	146	124691	37.160	ng		90
15) Benzyl Alcohol	8.25	79	135578	35.751	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.53	45	103312m	37.295	ng		
17) 2-Methylphenol	8.46	107	98704	34.409	ng	#	89
18) Hexachloroethane	9.08	117	50885	38.102	ng	#	86
19) n-Nitroso-di-n-propylamine	8.81	70	114229	32.483	ng	#	85
20) 3+4-Methylphenols	8.79	107	148499	37.316	ng		90
22) Acetophenone	8.83	105	206976	37.008	ng	#	94
24) Nitrobenzene	9.21	77	161731	37.354	ng		96
25) Isophorone	9.74	82	286001	35.786	ng		99
26) 2-Nitrophenol	9.92	139	68097	44.285	ng	#	85
27) 2,4-Dimethylphenol	9.98	122	101006	38.805	ng		90
28) bis(2-Chloroethoxy)methane	10.21	93	157612	35.790	ng		97
29) 2,4-Dichlorophenol	10.47	162	125483	42.232	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	150988	41.441	ng		97
31) Naphthalene	10.86	128	360335	38.462	ng		98
32) Benzoic acid	10.18	122	57171m	32.627	ng		
33) 4-Chloroaniline	10.97	127	151366	37.070	ng	#	92
34) Hexachlorobutadiene	11.14	225	122393	43.080	ng		94
35) Caprolactam	11.78	113	43076	33.783	ng	#	70
36) 4-Chloro-3-methylphenol	12.10	107	154885	38.890	ng		98
37) 2-Methylnaphthalene	12.46	142	267834	38.373	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	197390	39.719	ng		98
40) Hexachlorocyclopentadiene	12.80	237	96084	36.866	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	118881	40.905	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	132769	40.836	ng		98
45) 1,1'-Biphenyl	13.47	154	382609	37.480	ng		99
46) 2-Chloronaphthalene	13.51	162	301085	37.918	ng		99
47) 2-Nitroaniline	13.72	65	106590	37.970	ng		96
48) Acenaphthylene	14.36	152	493356	37.091	ng		97
49) Dimethylphthalate	14.10	163	424233	36.774	ng		100
50) 2,6-Dinitrotoluene	14.21	165	92401	39.333	ng		97
51) Acenaphthene	14.70	154	312584	37.725	ng		99
52) 3-Nitroaniline	14.55	138	91188	37.978	ng	#	93
53) 2,4-Dinitrophenol	14.75	184	46018	41.541	ng	#	68
54) Dibenzofuran	15.03	168	494786	37.548	ng		93
55) 4-Nitrophenol	14.87	139	66666	38.987	ng	#	81
56) 2,4-Dinitrotoluene	15.00	165	139100	41.273	ng		88
57) Fluorene	15.68	166	416028	37.668	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	124282	39.869	ng		93
59) Diethylphthalate	15.45	149	419310	35.348	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	250362	38.568	ng		96
61) 4-Nitroaniline	15.71	138	89644	35.692	ng	#	76
62) Azobenzene	15.96	77	402563	34.405	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	84840	43.889	ng		84
65) n-Nitrosodiphenylamine	15.89	169	389664	39.423	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	168299	41.774	ng		96
67) Hexachlorobenzene	16.69	284	171257	41.278	ng		95
68) Atrazine	16.84	200	137275	33.732	ng		96
69) Pentachlorophenol	17.03	266	82951	32.825	ng		97
70) Phenanthrene	17.42	178	666603	38.471	ng		98
71) Anthracene	17.51	178	664280	38.501	ng		98
72) Carbazole	17.78	167	609289	37.185	ng		99
73) Di-n-butylphthalate	18.33	149	725912	37.490	ng	#	98
74) Fluoranthene	19.43	202	892390	38.235	ng		95
76) Benzidine	19.61	184	372833	36.932	ng		98
77) Pyrene	19.79	202	906503	37.335	ng		97
79) Butylbenzylphthalate	20.67	149	342197	39.411	ng		97
80) Benzo(a)anthracene	21.63	228	903913	37.774	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	326932	39.183	ng	#	97
82) Chrysene	21.69	228	843375	38.033	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	470696	39.875	ng	#	99
84) Di-n-octyl phthalate	22.71	149	797027	40.326	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.46	276	952162	38.784	ng	#	85
87) Benzo(b)fluoranthene	23.82	252	873144	37.970	ng	#	95
88) Benzo(k)fluoranthene	23.89	252	854106	37.991	ng	#	97
89) Benzo(a)pyrene	24.69	252	818947	38.280	ng	#	97
90) Dibenzo(a,h)anthracene	28.52	278	809756	38.554	ng	#	96
91) Benzo(g,h,i)perylene	29.60	276	780480	37.975	ng	#	90

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

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