Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102820\
Data File : BG047109.D
Acq On : 28 Oct 2020 16:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
10/29/2020 10:43:56 AM

Quant Time: Oct 28 16:55:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:55:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.055	152	53024	20.00	ng		0.00
21) Naphthalene-d8	10.870	136	204095	20.00	ng	#	0.00
39) Acenaphthene-d10	14.689	164	153943	20.00	ng		0.00
64) Phenanthrene-d10	17.433	188	395302	20.00	ng	#	0.00
76) Chrysene-d12	21.704	240	417164	20.00	ng	#	0.00
86) Perylene-d12	24.936	264	424657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	219281	73.31	ng		0.00
7) Phenol-d6	7.209	99	326047	75.38	ng		0.00
23) Nitrobenzene-d5	9.219	82	305943	71.79	ng		0.00
42) 2,4,6-Tribromophenol	16.175	330	180596	73.19	ng		0.00
45) 2-Fluorobiphenyl	13.314	172	750601	68.94	ng		0.00
79) Terphenyl-d14	20.041	244	1558581	72.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	48030	35.54	ng	#	91
3) Pyridine	3.896	79	144314	39.35	ng	#	93
4) n-Nitrosodimethylamine	3.807	42	71733	36.92	ng	#	69
6) Aniline	7.374	93	189891	37.14	ng		96
8) 2-Chlorophenol	7.621	128	114299	35.94	ng		93
9) Benzaldehyde	7.186	77	82343	37.44	ng		86
10) Phenol	7.233	94	152982	37.45	ng		76
11) bis(2-Chloroethyl)ether	7.468	93	117816	36.66	ng		93
12) 1,3-Dichlorobenzene	7.944	146	149547	36.90	ng	#	93
13) 1,4-Dichlorobenzene	8.091	146	151221	36.96	ng		97
14) 1,2-Dichlorobenzene	8.414	146	142182	36.66	ng		96
15) Benzyl Alcohol	8.290	79	124772	37.00	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.584	45	182225	35.82	ng		99
17) 2-Methylphenol	8.490	107	102116	36.37	ng	#	87
18) Hexachloroethane	9.142	117	55843	36.44	ng		92
19) n-Nitroso-di-n-propyla...	8.860	70	106743	36.23	ng		94
20) 3+4-Methylphenols	8.819	107	139297	36.78	ng		91
22) Acetophenone	8.878	105	195770	35.61	ng	#	93
24) Nitrobenzene	9.260	77	154949	35.03	ng		91
25) Isophorone	9.783	82	274250	35.98	ng	#	92
26) 2-Nitrophenol	9.977	139	69083	35.97	ng	#	74
27) 2,4-Dimethylphenol	10.030	122	93823	35.77	ng		90
28) bis(2-Chloroethoxy)met...	10.265	93	167535	35.59	ng		97
29) 2,4-Dichlorophenol	10.511	162	132271	36.63	ng		97
30) 1,2,4-Trichlorobenzene	10.729	180	159400	35.82	ng		96
31) Naphthalene	10.917	128	382911	35.87	ng		98
32) Benzoic acid	10.153	122	81020	36.69	ng	#	81
33) 4-Chloroaniline	11.022	127	166930	35.96	ng	#	94
34) Hexachlorobutadiene	11.205	225	119934	35.94	ng		97
35) Caprolactam	11.786	113	45574	37.91	ng	#	78
36) 4-Chloro-3-methylphenol	12.139	107	137536	36.70	ng		91
37) 2-Methylnaphthalene	12.521	142	295619	35.67	ng	#	95
38) 1-Methylnaphthalene	12.738	142	282903m	36.02	ng		
40) 1,2,4,5-Tetrachloroben...	12.885	216	197417	35.10	ng		98
41) Hexachlorocyclopentadiene	12.867	237	107946	35.13	ng		96
43) 2,4,6-Trichlorophenol	13.120	196	130240	35.54	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.196	196	134796	36.19	ng	#	93
46) 1,1'-Biphenyl	13.525	154	403667	34.64	ng		96
47) 2-Chloronaphthalene	13.567	162	331572	34.56	ng		98
48) 2-Nitroaniline	13.766	65	117184	37.48	ng	#	77
49) Acenaphthylene	14.413	152	486605	34.94	ng		99
50) Dimethylphthalate	14.136	163	450021	35.49	ng		99
51) 2,6-Dinitrotoluene	14.260	165	97021	36.69	ng	#	70
52) Acenaphthene	14.753	154	322812	35.51	ng		96
53) 3-Nitroaniline	14.589	138	101585	38.65	ng		85
54) 2,4-Dinitrophenol	14.795	184	64835	37.15	ng	#	74
55) Dibenzofuran	15.088	168	519949	35.63	ng		96
56) 4-Nitrophenol	14.889	139	83002	40.37	ng	#	66
57) 2,4-Dinitrotoluene	15.047	165	142366	37.48	ng	#	87
58) Fluorene	15.735	166	422793	35.89	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.312	232	145118	36.69	ng	#	96
60) Diethylphthalate	15.500	149	472566	37.39	ng		96
61) 4-Chlorophenyl-phenyle...	15.729	204	250659	35.67	ng		98
62) 4-Nitroaniline	15.752	138	110722	39.23	ng	#	57
63) Azobenzene	16.017	77	403790	35.96	ng		90
65) 4,6-Dinitro-2-methylph...	15.811	198	88580	36.42	ng		90
66) n-Nitrosodiphenylamine	15.940	169	397000	35.00	ng		97
67) 4-Bromophenyl-phenylether	16.622	248	183364	35.26	ng		98
68) Hexachlorobenzene	16.739	284	191466	34.91	ng		94
69) Atrazine	16.886	200	171888	36.82	ng		96
70) Pentachlorophenol	17.080	266	118161	36.96	ng		96
71) Phenanthrene	17.480	178	754231	35.72	ng		97
72) Anthracene	17.568	178	734782	35.52	ng		96
73) Carbazole	17.838	167	667273	36.27	ng		98
74) Di-n-butylphthalate	18.390	149	824162	36.24	ng	#	97
75) Fluoranthene	19.483	202	992529	36.57	ng		96
77) Benzidine	19.659	184	417012	43.75	ng		99
78) Pyrene	19.842	202	993269	37.35	ng		97
80) Butylbenzylphthalate	20.723	149	376723	36.97	ng		94
81) Benzo(a)anthracene	21.681	228	1001381	36.64	ng		98
82) 3,3'-Dichlorobenzidine	21.598	252	371602	37.49	ng	#	98
83) Chrysene	21.751	228	948823	36.46	ng		99
84) Bis(2-ethylhexyl)phtha...	21.581	149	527339	36.71	ng		95
85) Di-n-octyl phthalate	22.797	149	897834	37.19	ng		97
87) Indeno(1,2,3-cd)pyrene	28.631	276	1143661	36.88	ng	#	93
88) Benzo(b)fluoranthene	23.913	252	1014256	36.55	ng	#	96
89) Benzo(k)fluoranthene	23.978	252	985644	36.57	ng	#	96
90) Benzo(a)pyrene	24.789	252	948299	36.56	ng	#	96
91) Dibenzo(a,h)anthracene	28.690	278	916903	36.41	ng	#	96
92) Benzo(g,h,i)perylene	29.789	276	920764	36.78	ng	#	92

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

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