Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048024.D
Acq On : 27 Jan 2021 2:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/27/2021 1:08:33 PM

Quant Time: Jan 27 03:19:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.129	152	39146	20.00	ng		0.00
21) Naphthalene-d8	10.943	136	162917	20.00	ng		0.00
39) Acenaphthene-d10	14.750	164	131681	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	313406	20.00	ng		# 0.00
76) Chrysene-d12	21.771	240	311168	20.00	ng		# 0.00
86) Perylene-d12	25.056	264	316745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	215963	84.79	ng		0.00
7) Phenol-d6	7.277	99	330059	85.23	ng		0.00
23) Nitrobenzene-d5	9.298	82	333203	80.92	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	176201	80.34	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	801875	78.73	ng		0.00
79) Terphenyl-d14	20.091	244	1433903	79.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	41738	36.76	ng	#	95
3) Pyridine	3.975	79	158496	46.50	ng		90
4) n-Nitrosodimethylamine	3.881	42	61858	39.28	ng	#	79
6) Aniline	7.453	93	194524	41.58	ng		93
8) 2-Chlorophenol	7.694	128	111636	41.87	ng		89
9) Benzaldehyde	7.265	77	88911	44.76	ng		89
10) Phenol	7.306	94	156797	42.24	ng		78
11) bis(2-Chloroethyl)ether	7.541	93	114960	39.54	ng		96
12) 1,3-Dichlorobenzene	8.023	146	125874	39.11	ng	#	90
13) 1,4-Dichlorobenzene	8.170	146	128573	39.85	ng		96
14) 1,2-Dichlorobenzene	8.487	146	123876m	40.23	ng		
15) Benzyl Alcohol	8.364	79	141724	43.25	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.657	45	159614	39.12	ng		96
17) 2-Methylphenol	8.563	107	105243	41.95	ng	#	85
18) Hexachloroethane	9.221	117	49908	39.65	ng		95
19) n-Nitroso-di-n-propyla...	8.934	70	116662	41.27	ng	#	96
20) 3+4-Methylphenols	8.892	107	151530	43.65	ng		93
22) Acetophenone	8.951	105	203361	40.50	ng		95
24) Nitrobenzene	9.339	77	166522	40.38	ng	#	84
25) Isophorone	9.862	82	304288	41.18	ng	#	94
26) 2-Nitrophenol	10.050	139	92591	54.57	ng	#	73
27) 2,4-Dimethylphenol	10.103	122	98282	39.87	ng	#	84
28) bis(2-Chloroethoxy)met...	10.344	93	178449	40.14	ng		98
29) 2,4-Dichlorophenol	10.585	162	157118	49.53	ng		97
30) 1,2,4-Trichlorobenzene	10.802	180	160264	41.79	ng		98
31) Naphthalene	10.996	128	381275	40.47	ng		99
32) Benzoic acid	10.103	122	98282	44.51	ng	#	22
33) 4-Chloroaniline	11.090	127	184700	42.90	ng	#	93
34) Hexachlorobutadiene	11.284	225	113285	41.59	ng		98
35) Caprolactam	11.865	113	49407	40.92	ng		95
36) 4-Chloro-3-methylphenol	12.200	107	166709	46.84	ng		85
37) 2-Methylnaphthalene	12.588	142	299721	42.13	ng	#	95
38) 1-Methylnaphthalene	12.805	142	282565	41.63	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.952	216	203217	40.48	ng		98
41) Hexachlorocyclopentadiene	12.935	237	100852	35.47	ng		97
43) 2,4,6-Trichlorophenol	13.187	196	167620	47.88	ng		97

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44) 2,4,5-Trichlorophenol	13.258	196	163107	44.95	ng		94
46) 1,1'-Biphenyl	13.587	154	398181	39.11	ng		99
47) 2-Chloronaphthalene	13.634	162	347198	39.19	ng		98
48) 2-Nitroaniline	13.828	65	133967	41.66	ng	#	79
49) Acenaphthylene	14.480	152	518558	39.66	ng		98
50) Dimethylphthalate	14.204	163	468083	39.27	ng		99
51) 2,6-Dinitrotoluene	14.321	165	97322	39.28	ng	#	75
52) Acenaphthene	14.821	154	314628	35.54	ng		99
53) 3-Nitroaniline	14.644	138	107349	39.50	ng		84
55) Dibenzofuran	15.150	168	538933	40.14	ng		97
56) 4-Nitrophenol	14.938	139	70299	33.15	ng	#	59
57) 2,4-Dinitrotoluene	15.103	165	143827	40.19	ng	#	78
58) Fluorene	15.796	166	428584	39.71	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.367	232	106087	29.24	ng		93
60) Diethylphthalate	15.561	149	469504	38.32	ng		97
61) 4-Chlorophenyl-phenyle...	15.784	204	267020	40.40	ng		99
62) 4-Nitroaniline	15.808	138	114833	38.79	ng	#	65
63) Azobenzene	16.078	77	439258	38.08	ng		91
66) n-Nitrosodiphenylamine	15.996	169	392602	41.68	ng		98
67) 4-Bromophenyl-phenylether	16.683	248	183079	43.71	ng		95
68) Hexachlorobenzene	16.801	284	195484	42.92	ng		97
69) Atrazine	16.942	200	144391	40.36	ng		99
70) Pentachlorophenol	17.142	266	16589	6.00	ng		99
71) Phenanthrene	17.535	178	732719	40.52	ng		98
72) Anthracene	17.629	178	713551	40.13	ng		98
73) Carbazole	17.894	167	643952	38.80	ng		99
74) Di-n-butylphthalate	18.446	149	766879	37.84	ng	#	97
75) Fluoranthene	19.539	202	915338	38.61	ng		97
77) Benzidine	19.709	184	311869	34.74	ng		99
78) Pyrene	19.897	202	908987	39.89	ng		97
80) Butylbenzylphthalate	20.778	149	344696	39.60	ng		92
81) Benzo(a)anthracene	21.748	228	924035	40.86	ng		98
82) 3,3'-Dichlorobenzidine	21.660	252	301066	39.51	ng		99
83) Chrysene	21.818	228	872586	40.61	ng		99
84) Bis(2-ethylhexyl)phtha...	21.654	149	474937	39.84	ng		96
85) Di-n-octyl phthalate	22.894	149	804242	40.33	ng		97
87) Indeno(1,2,3-cd)pyrene	28.804	276	1055089	41.41	ng	#	90
88) Benzo(b)fluoranthene	24.010	252	927163	41.19	ng	#	96
89) Benzo(k)fluoranthene	24.080	252	886866	40.54	ng	#	97
90) Benzo(a)pyrene	24.903	252	871129	41.21	ng	#	98
91) Dibenzo(a,h)anthracene	28.875	278	871735	41.46	ng	#	95
92) Benzo(g,h,i)perylene	29.985	276	848338	41.89	ng	#	93

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

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