Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048701.D
Acq On : 15 Apr 2021 9:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/16/2021 11:26:12 AM

Quant Time: Apr 15 11:05:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152	20033	20.00	ng		# 0.00
21) Naphthalene-d8	10.908	136	78499	20.00	ng		# 0.00
39) Acenaphthene-d10	14.738	164	53826	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	134863	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	126932	20.00	ng		0.00
86) Perylene-d12	25.138	264	132966	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.631	112	92510	77.23	ng		0.00
7) Phenol-d6	7.241	99	132737	78.35	ng		0.00
23) Nitrobenzene-d5	9.257	82	143210	81.68	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	62012	85.93	ng		0.00
45) 2-Fluorobiphenyl	13.358	172	313143	84.01	ng		0.00
79) Terphenyl-d14	20.109	244	583053	79.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	19368	41.27	ng		97
3) Pyridine	3.904	79	49899	40.79	ng	#	87
4) n-Nitrosodimethylamine	3.816	42	36895	39.50	ng	#	91
6) Aniline	7.400	93	73575	38.69	ng	#	90
8) 2-Chlorophenol	7.647	128	50344	39.62	ng		91
9) Benzaldehyde	7.218	77	41331	36.82	ng		92
10) Phenol	7.265	94	66435	39.88	ng		97
11) bis(2-Chloroethyl)ether	7.494	93	43844	39.05	ng		95
12) 1,3-Dichlorobenzene	7.970	146	57032	39.04	ng		97
13) 1,4-Dichlorobenzene	8.117	146	58744	39.46	ng		90
14) 1,2-Dichlorobenzene	8.440	146	54860	39.93	ng		96
15) Benzyl Alcohol	8.322	79	58462	39.16	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.610	45	50131	41.19	ng		91
17) 2-Methylphenol	8.528	107	41972	39.46	ng		95
18) Hexachloroethane	9.180	117	22939	39.22	ng		93
19) n-Nitroso-di-n-propyla...	8.892	70	47484	41.54	ng	#	94
20) 3+4-Methylphenols	8.857	107	58722	40.02	ng		92
22) Acetophenone	8.910	105	81592	39.93	ng	#	92
24) Nitrobenzene	9.298	77	71921	41.12	ng		94
25) Isophorone	9.821	82	127453	41.11	ng		96
26) 2-Nitrophenol	10.015	139	30285	40.01	ng		96
27) 2,4-Dimethylphenol	10.067	122	46209	39.71	ng	#	88
28) bis(2-Chloroethoxy)met...	10.302	93	55393	41.01	ng	#	91
29) 2,4-Dichlorophenol	10.555	162	51051	38.90	ng		91
30) 1,2,4-Trichlorobenzene	10.772	180	62271	40.92	ng		92
31) Naphthalene	10.960	128	159028	39.48	ng		99
32) Benzoic acid	10.220	122	22205	32.57	ng	#	73
33) 4-Chloroaniline	11.066	127	68456	40.84	ng		95
34) Hexachlorobutadiene	11.242	225	46777	41.40	ng		95
35) Caprolactam	11.842	113	18719	41.97	ng		91
36) 4-Chloro-3-methylphenol	12.194	107	60700	40.84	ng	#	89
37) 2-Methylnaphthalene	12.564	142	128259	39.85	ng		97
38) 1-Methylnaphthalene	12.782	142	121831	40.68	ng		99
40) 1,2,4,5-Tetrachloroben...	12.929	216	74010	42.24	ng		98
41) Hexachlorocyclopentadiene	12.911	237	35135	39.94	ng		94
43) 2,4,6-Trichlorophenol	13.170	196	47938	41.00	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	51210	41.24	ng		88
46) 1,1'-Biphenyl	13.569	154	168793	42.45	ng		98
47) 2-Chloronaphthalene	13.616	162	126270	41.58	ng		97
48) 2-Nitroaniline	13.816	65	45556	41.74	ng		98
49) Acenaphthylene	14.462	152	198471	41.89	ng		95
50) Dimethylphthalate	14.186	163	172212	42.65	ng	#	97
51) 2,6-Dinitrotoluene	14.309	165	38178	40.99	ng		93
52) Acenaphthene	14.803	154	127030	42.22	ng		98
53) 3-Nitroaniline	14.644	138	36244	40.53	ng	#	89
54) 2,4-Dinitrophenol	14.850	184	19446	37.76	ng		97
55) Dibenzofuran	15.138	168	208457	41.85	ng		98
56) 4-Nitrophenol	14.956	139	28123	42.45	ng		88
57) 2,4-Dinitrotoluene	15.103	165	57244	42.32	ng		91
58) Fluorene	15.790	166	171321	41.88	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.367	232	47514	41.36	ng		98
60) Diethylphthalate	15.549	149	176631	42.29	ng		98
61) 4-Chlorophenyl-phenyle...	15.778	204	93123	41.40	ng		95
62) 4-Nitroaniline	15.808	138	38676	40.45	ng		97
63) Azobenzene	16.072	77	179310	42.63	ng		92
65) 4,6-Dinitro-2-methylph...	15.866	198	35887	39.75	ng		90
66) n-Nitrosodiphenylamine	15.996	169	156831	41.14	ng		97
67) 4-Bromophenyl-phenylether	16.677	248	63329	40.80	ng		96
68) Hexachlorobenzene	16.795	284	61813	39.32	ng		95
69) Atrazine	16.942	200	63624	40.14	ng		95
70) Pentachlorophenol	17.141	266	34261	40.89	ng		99
71) Phenanthrene	17.535	178	284087	40.59	ng		96
72) Anthracene	17.629	178	282652	40.81	ng		99
73) Carbazole	17.899	167	261570	39.43	ng		100
74) Di-n-butylphthalate	18.452	149	301805	40.58	ng		98
75) Fluoranthene	19.550	202	360489	40.72	ng		97
77) Benzidine	19.727	184	174366	50.58	ng		96
78) Pyrene	19.915	202	352686	40.16	ng		97
80) Butylbenzylphthalate	20.790	149	134435	39.15	ng		98
81) Benzo(a)anthracene	21.777	228	343538	39.61	ng		100
82) 3,3'-Dichlorobenzidine	21.689	252	117132	39.38	ng		99
83) Chrysene	21.842	228	327132	39.59	ng		99
84) Bis(2-ethylhexyl)phtha...	21.666	149	188521	39.22	ng		94
85) Di-n-octyl phthalate	22.917	149	328853	40.18	ng		100
87) Indeno(1,2,3-cd)pyrene	28.969	276	391779	40.12	ng	#	98
88) Benzo(b)fluoranthene	24.075	252	368510m	40.85	ng		
89) Benzo(k)fluoranthene	24.145	252	341432	40.25	ng		100
90) Benzo(a)pyrene	24.979	252	333553	40.14	ng	#	98
91) Dibenzo(a,h)anthracene	29.051	278	333068	39.77	ng	#	98
92) Benzo(g,h,i)perylene	30.179	276	320860	38.80	ng		98

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

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