Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
Data File : BG050668.D
Acq On : 21 Oct 2021 15:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/22/2021 2:54:14 PM

Quant Time: Oct 21 16:40:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.253	152	40665	20.00	ng		0.00
21) Naphthalene-d8	11.079	136	174244	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	115003	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	252458	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	199711	20.00	ng		# 0.00
86) Perylene-d12	25.338	264	196497	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.785	112	208769	76.78	ng		0.00
7) Phenol-d6	7.395	99	309209	78.54	ng		0.00
23) Nitrobenzene-d5	9.428	82	315523	74.96	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	83109	75.77	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	574140	75.14	ng		0.00
79) Terphenyl-d14	20.203	244	837968	81.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	50552	35.90	ng		92
3) Pyridine	4.058	79	135844	35.31	ng	#	94
4) n-Nitrosodimethylamine	3.975	42	66847	36.87	ng	#	41
6) Aniline	7.571	93	177036	38.71	ng	#	93
8) 2-Chlorophenol	7.812	128	102819	39.27	ng		85
9) Benzaldehyde	7.383	77	101697	41.11	ng		89
10) Phenol	7.424	94	148987	38.92	ng		86
11) bis(2-Chloroethyl)ether	7.665	93	115791	38.76	ng		89
12) 1,3-Dichlorobenzene	8.141	146	115462	38.21	ng		98
13) 1,4-Dichlorobenzene	8.288	146	115380	37.87	ng		97
14) 1,2-Dichlorobenzene	8.611	146	110760	38.06	ng		95
15) Benzyl Alcohol	8.488	79	127496	40.98	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.776	45	186422	38.26	ng		85
17) 2-Methylphenol	8.687	107	100843	40.04	ng		91
18) Hexachloroethane	9.345	117	45147	39.15	ng		93
19) n-Nitroso-di-n-propyla...	9.052	70	109907	38.30	ng	#	89
20) 3+4-Methylphenols	9.011	107	141777	39.99	ng		94
22) Acetophenone	9.081	105	180005	36.34	ng		96
24) Nitrobenzene	9.469	77	154397	36.89	ng		95
25) Isophorone	9.992	82	278344	37.28	ng	#	96
26) 2-Nitrophenol	10.186	139	65139	42.39	ng	#	93
27) 2,4-Dimethylphenol	10.227	122	100617	37.90	ng		93
28) bis(2-Chloroethoxy)met...	10.468	93	160207	37.53	ng		93
29) 2,4-Dichlorophenol	10.714	162	105830	39.11	ng		97
30) 1,2,4-Trichlorobenzene	10.938	180	114463	37.23	ng		97
31) Naphthalene	11.132	128	348981	37.42	ng		98
32) Benzoic acid	10.374	122	75030	38.08	ng	#	76
33) 4-Chloroaniline	11.231	127	147056	37.58	ng		97
34) Hexachlorobutadiene	11.402	225	72228	37.43	ng		95
35) Caprolactam	12.007	113	41562	40.13	ng	#	71
36) 4-Chloro-3-methylphenol	12.330	107	133193	39.38	ng	#	88
37) 2-Methylnaphthalene	12.718	142	241672	37.55	ng		92
38) 1-Methylnaphthalene	12.935	142	234284	37.54	ng		91
40) 1,2,4,5-Tetrachloroben...	13.076	216	127831	37.64	ng		98
41) Hexachlorocyclopentadiene	13.047	237	74517	37.97	ng		94
43) 2,4,6-Trichlorophenol	13.311	196	91530	38.25	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	98093	39.21	ng		90
46) 1,1'-Biphenyl	13.711	154	315705	37.64	ng		94
47) 2-Chloronaphthalene	13.758	162	244219	37.92	ng		100
48) 2-Nitroaniline	13.958	65	104526	40.79	ng		97
49) Acenaphthylene	14.598	152	397493	37.66	ng		96
50) Dimethylphthalate	14.316	163	328924	37.84	ng		99
51) 2,6-Dinitrotoluene	14.445	165	68038	39.08	ng		91
52) Acenaphthene	14.939	154	254601m	37.54	ng		
53) 3-Nitroaniline	14.774	138	80099	38.89	ng		90
54) 2,4-Dinitrophenol	14.980	184	39353	36.43	ng		91
55) Dibenzofuran	15.268	168	393850	37.55	ng		98
56) 4-Nitrophenol	15.068	139	60273	36.38	ng	#	81
57) 2,4-Dinitrotoluene	15.227	165	97513	39.73	ng		93
58) Fluorene	15.914	166	299212	37.14	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.491	232	80942	37.14	ng		94
60) Diethylphthalate	15.667	149	344324	37.70	ng		96
61) 4-Chlorophenyl-phenyle...	15.902	204	165778	37.61	ng		99
62) 4-Nitroaniline	15.938	138	83536	38.99	ng	#	66
63) Azobenzene	16.196	77	387384	36.64	ng		83
65) 4,6-Dinitro-2-methylph...	15.991	198	61193	40.36	ng		88
66) n-Nitrosodiphenylamine	16.114	169	272767	38.02	ng		98
67) 4-Bromophenyl-phenylether	16.796	248	97248	38.23	ng		95
68) Hexachlorobenzene	16.919	284	97353	38.50	ng		95
69) Atrazine	17.054	200	107300	37.97	ng		97
70) Pentachlorophenol	17.260	266	62984	36.59	ng		97
71) Phenanthrene	17.659	178	494040	37.14	ng		98
72) Anthracene	17.753	178	494562	37.41	ng		97
73) Carbazole	18.018	167	493413	37.45	ng		98
74) Di-n-butylphthalate	18.552	149	588527	38.06	ng	#	97
75) Fluoranthene	19.657	202	568928	34.79	ng		96
77) Benzidine	19.833	184	257864	39.84	ng		98
78) Pyrene	20.021	202	574159	40.52	ng		97
80) Butylbenzylphthalate	20.885	149	242968	40.54	ng		95
81) Benzo(a)anthracene	21.901	228	508167	38.45	ng		99
82) 3,3'-Dichlorobenzidine	21.801	252	167764	38.31	ng	#	97
83) Chrysene	21.972	228	470540	37.85	ng		96
84) Bis(2-ethylhexyl)phtha...	21.772	149	332391	39.03	ng	#	97
85) Di-n-octyl phthalate	23.047	149	558568	39.33	ng		96
87) Indeno(1,2,3-cd)pyrene	29.263	276	526542	38.47	ng	#	89
88) Benzo(b)fluoranthene	24.246	252	464025	38.56	ng	#	95
89) Benzo(k)fluoranthene	24.316	252	452598	38.23	ng	#	96
90) Benzo(a)pyrene	25.174	252	394159	38.52	ng	#	93
91) Dibenzo(a,h)anthracene	29.334	278	438789	38.76	ng	#	92
92) Benzo(g,h,i)perylene	30.503	276	423975	38.24	ng	#	91

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

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