Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050503.D
Acq On : 8 Oct 2021 9:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 08 13:24:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	44256	20.00	ng		0.00
21) Naphthalene-d8	11.090	136	174314	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	113880	20.00	ng		0.00
64) Phenanthrene-d10	17.624	188	255789	20.00	ng		# 0.00
76) Chrysene-d12	21.931	240	227921	20.00	ng		# 0.01
86) Perylene-d12	25.344	264	232950	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	229521	77.56	ng		0.00
7) Phenol-d6	7.401	99	329895	77.00	ng		0.00
23) Nitrobenzene-d5	9.433	82	328247	77.95	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	88004	81.02	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	591274	78.14	ng		0.00
79) Terphenyl-d14	20.215	244	944322	80.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.664	88	53030	34.60	ng		92
3) Pyridine	4.075	79	153861	36.75	ng		94
4) n-Nitrosodimethylamine	3.981	42	73546	37.28	ng	#	52
6) Aniline	7.583	93	190140	38.20	ng		97
8) 2-Chlorophenol	7.824	128	109355	38.38	ng		85
9) Benzaldehyde	7.395	77	109549	40.63	ng		91
10) Phenol	7.430	94	157996	37.93	ng		87
11) bis(2-Chloroethyl)ether	7.671	93	123144	37.87	ng		87
12) 1,3-Dichlorobenzene	8.153	146	125901	38.28	ng		95
13) 1,4-Dichlorobenzene	8.300	146	125613	37.88	ng		96
14) 1,2-Dichlorobenzene	8.623	146	118236	37.33	ng		97
15) Benzyl Alcohol	8.493	79	132637	39.18	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.781	45	196198	37.00	ng		84
17) 2-Methylphenol	8.693	107	105228	38.39	ng		91
18) Hexachloroethane	9.357	117	47453	37.81	ng		96
19) n-Nitroso-di-n-propyla...	9.063	70	115906	37.12	ng	#	90
20) 3+4-Methylphenols	9.022	107	150061	38.90	ng		95
22) Acetophenone	9.087	105	190491	38.44	ng	#	98
24) Nitrobenzene	9.475	77	160077	38.23	ng		94
25) Isophorone	9.998	82	288308	38.60	ng	#	96
26) 2-Nitrophenol	10.191	139	65036	42.30	ng	#	91
27) 2,4-Dimethylphenol	10.233	122	103554	38.99	ng		97
28) bis(2-Chloroethoxy)met...	10.473	93	164121	38.43	ng		92
29) 2,4-Dichlorophenol	10.726	162	110566	40.84	ng		96
30) 1,2,4-Trichlorobenzene	10.943	180	121345	39.46	ng		96
31) Naphthalene	11.137	128	366031	39.23	ng		98
32) Benzoic acid	10.356	122	71927	36.49	ng	#	81
33) 4-Chloroaniline	11.237	127	155856	39.81	ng		98
34) Hexachlorobutadiene	11.414	225	76205	39.47	ng		97
35) Caprolactam	12.013	113	41086	39.65	ng	#	62
36) 4-Chloro-3-methylphenol	12.336	107	132717	39.22	ng	#	93
37) 2-Methylnaphthalene	12.724	142	247515	38.45	ng		94
38) 1-Methylnaphthalene	12.941	142	241010	38.61	ng		97
40) 1,2,4,5-Tetrachloroben...	13.082	216	132794	39.49	ng		99
41) Hexachlorocyclopentadiene	13.059	237	67552	34.76	ng		92
43) 2,4,6-Trichlorophenol	13.317	196	96949	40.91	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	102055	41.19	ng		92
46) 1,1'-Biphenyl	13.717	154	325518	39.19	ng		94
47) 2-Chloronaphthalene	13.764	162	252878	39.65	ng		97
48) 2-Nitroaniline	13.963	65	105534	41.59	ng		94
49) Acenaphthylene	14.610	152	408792	39.12	ng		97
50) Dimethylphthalate	14.328	163	339181	39.40	ng		98
51) 2,6-Dinitrotoluene	14.451	165	70040	40.62	ng		90
52) Acenaphthene	14.945	154	262092	39.03	ng		92
53) 3-Nitroaniline	14.780	138	84299	41.34	ng		87
54) 2,4-Dinitrophenol	14.980	184	40162	37.55	ng		90
55) Dibenzofuran	15.280	168	402487	38.75	ng		99
56) 4-Nitrophenol	15.068	139	66586	40.59	ng	#	83
57) 2,4-Dinitrotoluene	15.233	165	100788	41.47	ng		93
58) Fluorene	15.926	166	312925	39.22	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.497	232	86292	39.98	ng		95
60) Diethylphthalate	15.679	149	355494	39.31	ng		96
61) 4-Chlorophenyl-phenyle...	15.908	204	172739	39.57	ng		99
62) 4-Nitroaniline	15.938	138	86455	40.75	ng	#	69
63) Azobenzene	16.202	77	407573	38.93	ng		82
65) 4,6-Dinitro-2-methylph...	15.990	198	60568	39.42	ng		89
66) n-Nitrosodiphenylamine	16.126	169	283840	39.05	ng		98
67) 4-Bromophenyl-phenylether	16.807	248	101632	39.43	ng		98
68) Hexachlorobenzene	16.925	284	102151	39.88	ng	#	93
69) Atrazine	17.060	200	111823	39.06	ng		99
70) Pentachlorophenol	17.265	266	65634	37.64	ng		97
71) Phenanthrene	17.665	178	521398	38.68	ng		97
72) Anthracene	17.759	178	518158	38.68	ng		97
73) Carbazole	18.023	167	524462	39.29	ng		99
74) Di-n-butylphthalate	18.564	149	625876	39.95	ng	#	97
75) Fluoranthene	19.663	202	629681	38.00	ng		96
77) Benzidine	19.839	184	313841	42.48	ng		97
78) Pyrene	20.027	202	637691	39.43	ng		97
80) Butylbenzylphthalate	20.897	149	278881	40.77	ng		95
81) Benzo(a)anthracene	21.907	228	595131	39.46	ng		98
82) 3,3'-Dichlorobenzidine	21.813	252	203359	40.69	ng	#	98
83) Chrysene	21.978	228	558865	39.40	ng		94
84) Bis(2-ethylhexyl)phtha...	21.784	149	394343	40.58	ng	#	96
85) Di-n-octyl phthalate	23.065	149	662048	40.84	ng		95
87) Indeno(1,2,3-cd)pyrene	29.275	276	635925	39.19	ng	#	89
88) Benzo(b)fluoranthene	24.251	252	569042	39.89	ng	#	94
89) Benzo(k)fluoranthene	24.328	252	550006	39.19	ng	#	96
90) Benzo(a)pyrene	25.186	252	479999	39.57	ng	#	94
91) Dibenzo(a,h)anthracene	29.351	278	529740	39.47	ng	#	94
92) Benzo(g,h,i)perylene	30.515	276	517502	39.37	ng	#	92

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

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