Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045929.D
Acq On : 3 Jul 2020 2:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 03 02:42:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	57724	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	226949	20.00	ng		0.00
39) Acenaphthene-d10	14.51	164	157800	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	382111	20.00	ng		0.00
76) Chrysene-d12	21.52	240	368716	20.00	ng		0.00
86) Perylene-d12	24.59	264	387032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	275680	80.67	ng		0.00
7) Phenol-d6	7.06	99	414864	79.82	ng		-0.01
23) Nitrobenzene-d5	9.02	82	384731	77.44	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	178228	74.81	ng		0.00
45) 2-Fluorobiphenyl	13.13	172	833437	77.62	ng		0.00
79) Terphenyl-d14	19.88	244	1404153	77.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	60807	38.852	ng		99
3) Pyridine	3.69	79	179887	38.787	ng		96
4) n-Nitrosodimethylamine	3.60	42	64729	41.579	ng		89
6) Aniline	7.18	93	241118	39.397	ng		98
8) 2-Chlorophenol	7.43	128	145746	39.846	ng		99
9) Benzaldehyde	6.99	77	118700	38.021	ng		98
10) Phenol	7.09	94	198441	39.402	ng		97
11) bis(2-Chloroethyl)ether	7.28	93	152861	39.960	ng		95
12) 1,3-Dichlorobenzene	7.74	146	173166	39.727	ng		97
13) 1,4-Dichlorobenzene	7.89	146	171055	39.288	ng		99
14) 1,2-Dichlorobenzene	8.21	146	163320	39.183	ng		98
15) Benzyl Alcohol	8.11	79	163496	40.647	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.39	45	149586	41.490	ng		97
17) 2-Methylphenol	8.33	107	146325	39.040	ng		98
18) Hexachloroethane	8.93	117	66031	39.932	ng		98
19) n-Nitroso-di-n-propylamine	8.67	70	134267	39.291	ng		97
20) 3+4-Methylphenols	8.67	107	200531	40.682	ng		93
22) Acetophenone	8.68	105	235814	37.857	ng	#	96
24) Nitrobenzene	9.06	77	205108	38.722	ng		99
25) Isophorone	9.59	82	370296	38.503	ng		99
26) 2-Nitrophenol	9.77	139	85292	38.650	ng		96
27) 2,4-Dimethylphenol	9.86	122	128714	38.203	ng		97
28) bis(2-Chloroethoxy)methane	10.07	93	194996	38.816	ng		97
29) 2,4-Dichlorophenol	10.34	162	152062	38.684	ng		97
30) 1,2,4-Trichlorobenzene	10.52	180	176898	38.014	ng		96
31) Naphthalene	10.71	128	476344	38.391	ng		99
32) Benzoic acid	10.06	122	67344	34.034	ng		95
33) 4-Chloroaniline	10.83	127	204554	39.368	ng		99
34) Hexachlorobutadiene	11.00	225	128639	38.869	ng		96
35) Caprolactam	11.61	113	51550	40.526	ng		96
36) 4-Chloro-3-methylphenol	11.99	107	171867	37.868	ng		95
37) 2-Methylnaphthalene	12.33	142	349490	37.827	ng		98
38) 1-Methylnaphthalene	12.55	142	331600	37.926	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	201089	38.701	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	91508	36.947	ng		98
43) 2,4,6-Trichlorophenol	12.96	196	128235	36.401	ng		99
44) 2,4,5-Trichlorophenol	13.05	196	139381	34.714	ng		98
46) 1,1'-Biphenyl	13.34	154	431496	38.194	ng		99
47) 2-Chloronaphthalene	13.39	162	347954	38.128	ng		99
48) 2-Nitroaniline	13.60	65	121983	40.184	ng		96
49) Acenaphthylene	14.23	152	562930	38.511	ng		99
50) Dimethylphthalate	13.97	163	474612	38.393	ng		100
51) 2,6-Dinitrotoluene	14.09	165	110217	39.696	ng		96
52) Acenaphthene	14.58	154	339987	38.371	ng		97
53) 3-Nitroaniline	14.43	138	111980	40.378	ng		95
54) 2,4-Dinitrophenol	14.64	184	69639	49.381	ng		92
55) Dibenzofuran	14.91	168	558494	38.801	ng		99
56) 4-Nitrophenol	14.79	139	63973	34.570	ng		98
57) 2,4-Dinitrotoluene	14.88	165	157594	39.615	ng		97
58) Fluorene	15.57	166	466806	39.002	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.15	232	115984	33.283	ng		99
60) Diethylphthalate	15.34	149	508590	40.245	ng		99
61) 4-Chlorophenyl-phenylether	15.55	204	266563	38.641	ng		98
62) 4-Nitroaniline	15.59	138	117123	41.150	ng		97
63) Azobenzene	15.85	77	483211	39.822	ng		99
65) 4,6-Dinitro-2-methylphenol	15.66	198	85757	36.315	ng		94
66) n-Nitrosodiphenylamine	15.78	169	405804	37.495	ng		98
67) 4-Bromophenyl-phenylether	16.45	248	189773	38.222	ng		98
68) Hexachlorobenzene	16.58	284	196243	38.117	ng		96
69) Atrazine	16.73	200	149552	35.610	ng		97
70) Pentachlorophenol	16.93	266	73093	33.673	ng		95
71) Phenanthrene	17.30	178	763474	38.741	ng		99
72) Anthracene	17.40	178	753408	38.392	ng		99
73) Carbazole	17.67	167	734289	39.297	ng		99
74) Di-n-butylphthalate	18.23	149	895953	40.496	ng		98
75) Fluoranthene	19.32	202	963413	39.756	ng		99
77) Benzidine	19.50	184	356554	37.197	ng		98
78) Pyrene	19.68	202	955211	38.687	ng		100
80) Butylbenzylphthalate	20.58	149	411766	39.843	ng		96
81) Benzo(a)anthracene	21.50	228	931554	38.969	ng		99
82) 3,3'-Dichlorobenzidine	21.42	252	353654	39.111	ng		96
83) Chrysene	21.56	228	892950	38.620	ng		99
84) Bis(2-ethylhexyl)phthalate	21.41	149	580340	40.371	ng		100
85) Di-n-octyl phthalate	22.57	149	978835	39.475	ng		100
87) Indeno(1,2,3-cd)pyrene	28.08	276	1136627	40.510	ng	#	96
88) Benzo(b)fluoranthene	23.62	252	991037	40.839	ng		98
89) Benzo(k)fluoranthene	23.68	252	942135	40.565	ng		100
90) Benzo(a)pyrene	24.45	252	916316	40.423	ng		99
91) Dibenzo(a,h)anthracene	28.15	278	921546	40.958	ng		99
92) Benzo(g,h,i)perylene	29.18	276	909142	40.369	ng		99

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

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