Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048468.D
Acq On : 23 Mar 2021 13:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 23 14:35:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 11:22:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.106	152	50072	20.00	ng		0.00
21) Naphthalene-d8	10.926	136	186162	20.00	ng		0.00
39) Acenaphthene-d10	14.745	164	129908	20.00	ng		0.00
64) Phenanthrene-d10	17.501	188	297625	20.00	ng	#	0.00
76) Chrysene-d12	21.790	240	275374	20.00	ng	#	0.00
86) Perylene-d12	25.122	264	299173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	243496	80.42	ng		0.00
7) Phenol-d6	7.254	99	354171	80.38	ng		0.00
23) Nitrobenzene-d5	9.275	82	367095	78.84	ng		0.00
42) 2,4,6-Tribromophenol	16.238	330	169657	80.30	ng		0.00
45) 2-Fluorobiphenyl	13.371	172	712486	78.90	ng		0.00
79) Terphenyl-d14	20.104	244	1226559	80.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	47453	37.15	ng	#	91
3) Pyridine	3.935	79	141856	39.83	ng		90
4) n-Nitrosodimethylamine	3.846	42	80163	38.73	ng	#	58
6) Aniline	7.425	93	207235	39.77	ng		94
8) 2-Chlorophenol	7.671	128	125905	39.87	ng		93
9) Benzaldehyde	7.237	77	95253	39.44	ng	#	78
10) Phenol	7.284	94	176515	39.10	ng		72
11) bis(2-Chloroethyl)ether	7.519	93	122457	38.71	ng		99
12) 1,3-Dichlorobenzene	7.995	146	145145	38.64	ng	#	84
13) 1,4-Dichlorobenzene	8.141	146	144599	38.78	ng	#	93
14) 1,2-Dichlorobenzene	8.465	146	138054	38.59	ng	#	92
15) Benzyl Alcohol	8.341	79	149792	38.29	ng		84
16) 2,2'-oxybis(1-Chloropr...	8.635	45	134241	37.11	ng		86
17) 2-Methylphenol	8.541	107	115639	40.39	ng	#	82
18) Hexachloroethane	9.199	117	56360	39.29	ng		91
19) n-Nitroso-di-n-propyla...	8.911	70	125899	38.50	ng		95
20) 3+4-Methylphenols	8.876	107	164720	42.00	ng		85
22) Acetophenone	8.929	105	205183	39.19	ng	#	89
24) Nitrobenzene	9.317	77	191160	38.32	ng	#	84
25) Isophorone	9.839	82	346829	38.91	ng	#	89
26) 2-Nitrophenol	10.027	139	75777	39.97	ng	#	52
27) 2,4-Dimethylphenol	10.086	122	120941	40.88	ng		89
28) bis(2-Chloroethoxy)met...	10.321	93	158092	39.14	ng		98
29) 2,4-Dichlorophenol	10.568	162	135744	39.54	ng		95
30) 1,2,4-Trichlorobenzene	10.785	180	154399	37.21	ng		95
31) Naphthalene	10.979	128	410056	39.73	ng		99
32) Benzoic acid	10.215	122	95710	41.57	ng	#	80
33) 4-Chloroaniline	11.079	127	174270	39.49	ng	#	87
34) Hexachlorobutadiene	11.261	225	111194	33.80	ng		97
35) Caprolactam	11.855	113	46967	38.32	ng	#	86
36) 4-Chloro-3-methylphenol	12.201	107	162973	40.90	ng	#	84
37) 2-Methylnaphthalene	12.577	142	318686	40.45	ng	#	90
38) 1-Methylnaphthalene	12.795	142	294999	39.81	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.942	216	169876	35.81	ng	#	95
41) Hexachlorocyclopentadiene	12.924	237	112238	36.60	ng		99
43) 2,4,6-Trichlorophenol	13.177	196	126616	39.38	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	132908	37.56	ng	#	90
46) 1,1'-Biphenyl	13.582	154	378838	40.63	ng		97
47) 2-Chloronaphthalene	13.623	162	307221	40.87	ng		94
48) 2-Nitroaniline	13.823	65	122473	44.02	ng	#	72
49) Acenaphthylene	14.469	152	490369	40.29	ng		100
50) Dimethylphthalate	14.193	163	404170	38.23	ng		99
51) 2,6-Dinitrotoluene	14.317	165	92230	40.54	ng	#	53
52) Acenaphthene	14.810	154	336056	41.08	ng		97
53) 3-Nitroaniline	14.646	138	89044	40.87	ng	#	67
54) 2,4-Dinitrophenol	14.851	184	60366	43.47	ng	#	62
55) Dibenzofuran	15.145	168	497849	40.86	ng		91
56) 4-Nitrophenol	14.945	139	77088	39.54	ng	#	36
57) 2,4-Dinitrotoluene	15.098	165	132306	40.95	ng	#	63
58) Fluorene	15.791	166	390858	38.22	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.368	232	128125	36.69	ng	#	88
60) Diethylphthalate	15.556	149	430308	41.64	ng		94
61) 4-Chlorophenyl-phenyle...	15.785	204	217509	36.97	ng		91
62) 4-Nitroaniline	15.809	138	96962	40.63	ng	#	46
63) Azobenzene	16.079	77	448324	39.86	ng		86
65) 4,6-Dinitro-2-methylph...	15.862	198	86345	46.07	ng	#	71
66) n-Nitrosodiphenylamine	15.997	169	361913	41.98	ng		99
67) 4-Bromophenyl-phenylether	16.679	248	145796	38.90	ng	#	87
68) Hexachlorobenzene	16.796	284	159652	39.75	ng	#	88
69) Atrazine	16.943	200	134132	38.68	ng		97
70) Pentachlorophenol	17.143	266	108332	40.57	ng		97
71) Phenanthrene	17.542	178	650390	41.37	ng		97
72) Anthracene	17.630	178	652779	41.85	ng		99
73) Carbazole	17.901	167	629804	42.34	ng		97
74) Di-n-butylphthalate	18.453	149	714453	43.40	ng	#	96
75) Fluoranthene	19.546	202	813818	38.88	ng		96
77) Benzidine	19.722	184	368692	44.70	ng		97
78) Pyrene	19.910	202	811986	42.93	ng		98
80) Butylbenzylphthalate	20.791	149	316649	47.11	ng	#	85
81) Benzo(a)anthracene	21.767	228	775385	40.60	ng		97
82) 3,3'-Dichlorobenzidine	21.679	252	286858	41.62	ng		99
83) Chrysene	21.837	228	739463	40.38	ng		99
84) Bis(2-ethylhexyl)phtha...	21.667	149	450400	48.49	ng		95
85) Di-n-octyl phthalate	22.924	149	751655	48.33	ng		97
87) Indeno(1,2,3-cd)pyrene	28.941	276	889471	38.98	ng	#	87
88) Benzo(b)fluoranthene	24.064	252	813267	38.58	ng	#	96
89) Benzo(k)fluoranthene	24.134	252	799120	40.17	ng	#	97
90) Benzo(a)pyrene	24.969	252	754746	39.26	ng	#	97
91) Dibenzo(a,h)anthracene	29.017	278	767680	39.44	ng	#	95
92) Benzo(g,h,i)perylene	30.145	276	734661	38.90	ng	#	93

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

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