Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048543.D
Acq On : 1 Apr 2021 14:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 01 15:05:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	22478	20.00	ng		0.01
21) Naphthalene-d8	10.937	136	88662	20.00	ng	#	0.01
39) Acenaphthene-d10	14.750	164	62722	20.00	ng		0.00
64) Phenanthrene-d10	17.505	188	149682	20.00	ng	#	0.00
76) Chrysene-d12	21.806	240	141568	20.00	ng	#	0.00
86) Perylene-d12	25.149	264	144926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	98866	77.65	ng		0.00
7) Phenol-d6	7.253	99	140017	75.83	ng		0.00
23) Nitrobenzene-d5	9.274	82	144730	79.03	ng		0.00
42) 2,4,6-Tribromophenol	16.242	330	67961	82.43	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	343737	81.46	ng		0.00
79) Terphenyl-d14	20.114	244	617135	79.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.510	88	19937	38.92	ng		91
3) Pyridine	3.915	79	53212	41.43	ng		98
4) n-Nitrosodimethylamine	3.827	42	33382	39.78	ng		97
6) Aniline	7.417	93	80565	37.99	ng		93
8) 2-Chlorophenol	7.664	128	54418	37.82	ng		96
9) Benzaldehyde	7.235	77	46669	39.54	ng		97
10) Phenol	7.282	94	69784	37.75	ng		97
11) bis(2-Chloroethyl)ether	7.517	93	47225	36.82	ng		95
12) 1,3-Dichlorobenzene	7.993	146	61697	38.06	ng		96
13) 1,4-Dichlorobenzene	8.140	146	61956	37.91	ng		98
14) 1,2-Dichlorobenzene	8.463	146	57172	36.53	ng		94
15) Benzyl Alcohol	8.340	79	58404	38.61	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.639	45	45409	36.70	ng		99
17) 2-Methylphenol	8.539	107	44625	37.31	ng		96
18) Hexachloroethane	9.197	117	24677	40.64	ng		92
19) n-Nitroso-di-n-propyla...	8.910	70	48907	38.43	ng		93
20) 3+4-Methylphenols	8.874	107	65942	39.72	ng		93
22) Acetophenone	8.933	105	87216	38.15	ng		97
24) Nitrobenzene	9.321	77	73193	40.73	ng		98
25) Isophorone	9.844	82	133812	39.57	ng	#	93
26) 2-Nitrophenol	10.032	139	34413	41.68	ng		98
27) 2,4-Dimethylphenol	10.091	122	50953	39.22	ng		96
28) bis(2-Chloroethoxy)met...	10.326	93	60870	39.27	ng		98
29) 2,4-Dichlorophenol	10.572	162	56603	38.47	ng		95
30) 1,2,4-Trichlorobenzene	10.790	180	67645	40.01	ng		99
31) Naphthalene	10.984	128	176701	38.76	ng		98
32) Benzoic acid	10.220	122	42315	42.33	ng		96
33) 4-Chloroaniline	11.084	127	76125	39.57	ng		98
34) Hexachlorobutadiene	11.266	225	48369	39.18	ng	#	82
35) Caprolactam	11.853	113	20610	38.40	ng	#	68
36) 4-Chloro-3-methylphenol	12.200	107	64951	39.31	ng		95
37) 2-Methylnaphthalene	12.582	142	138440	38.15	ng		96
38) 1-Methylnaphthalene	12.805	142	134805	38.95	ng		96
40) 1,2,4,5-Tetrachloroben...	12.946	216	79531	40.90	ng		96
41) Hexachlorocyclopentadiene	12.928	237	48969	43.48	ng		99
43) 2,4,6-Trichlorophenol	13.187	196	56493	42.27	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	60713	42.46	ng	#	95
46) 1,1'-Biphenyl	13.586	154	181572	39.62	ng		94
47) 2-Chloronaphthalene	13.633	162	141551	40.54	ng		95
48) 2-Nitroaniline	13.827	65	45709	41.18	ng		91
49) Acenaphthylene	14.480	152	219524	40.11	ng		98
50) Dimethylphthalate	14.203	163	188162	40.42	ng	#	99
51) 2,6-Dinitrotoluene	14.321	165	43731	41.06	ng		99
52) Acenaphthene	14.820	154	160249	40.47	ng		99
53) 3-Nitroaniline	14.656	138	42869	41.05	ng		87
54) 2,4-Dinitrophenol	14.850	184	25001	41.75	ng		98
55) Dibenzofuran	15.149	168	232277	40.17	ng		96
56) 4-Nitrophenol	14.955	139	34178	40.54	ng		91
57) 2,4-Dinitrotoluene	15.108	165	64047	42.51	ng		97
58) Fluorene	15.802	166	192017	39.67	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.373	232	57318	41.09	ng		99
60) Diethylphthalate	15.567	149	194092	40.58	ng		98
61) 4-Chlorophenyl-phenyle...	15.790	204	105708	40.59	ng		96
62) 4-Nitroaniline	15.819	138	44793	41.00	ng		97
63) Azobenzene	16.084	77	187844	39.92	ng		96
65) 4,6-Dinitro-2-methylph...	15.872	198	40372	44.89	ng		97
66) n-Nitrosodiphenylamine	16.007	169	174844	41.06	ng		99
67) 4-Bromophenyl-phenylether	16.689	248	67718	40.81	ng		90
68) Hexachlorobenzene	16.806	284	69955	40.38	ng		97
69) Atrazine	16.953	200	69579	40.06	ng		96
70) Pentachlorophenol	17.153	266	45990	42.71	ng		94
71) Phenanthrene	17.552	178	314712	40.50	ng		97
72) Anthracene	17.641	178	312160	40.32	ng		99
73) Carbazole	17.911	167	293612	39.99	ng		96
74) Di-n-butylphthalate	18.463	149	333246	40.62	ng		97
75) Fluoranthene	19.556	202	384446	39.91	ng		95
77) Benzidine	19.732	184	201221	41.97	ng		97
78) Pyrene	19.920	202	388090	39.87	ng		97
80) Butylbenzylphthalate	20.802	149	147915	40.91	ng		92
81) Benzo(a)anthracene	21.783	228	380312	40.21	ng		99
82) 3,3'-Dichlorobenzidine	21.695	252	131297	40.41	ng		97
83) Chrysene	21.853	228	359347	39.81	ng		94
84) Bis(2-ethylhexyl)phtha...	21.683	149	205183	40.74	ng		99
85) Di-n-octyl phthalate	22.940	149	365031	41.58	ng		100
87) Indeno(1,2,3-cd)pyrene	28.986	276	416748	41.02	ng	#	97
88) Benzo(b)fluoranthene	24.086	252	399118	42.40	ng	#	97
89) Benzo(k)fluoranthene	24.156	252	365003	40.33	ng		100
90) Benzo(a)pyrene	24.991	252	357682	41.23	ng		97
91) Dibenzo(a,h)anthracene	29.062	278	357670	41.24	ng	#	95
92) Benzo(g,h,i)perylene	30.196	276	347027	40.86	ng		96

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

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