Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012521\
Data File : BG047994.D
Acq On : 25 Jan 2021 17:35
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jan 25 18:24:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 18:02:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.134	152	41770	20.00	ng		0.00
21) Naphthalene-d8	10.948	136	168513	20.00	ng		0.00
39) Acenaphthene-d10	14.756	164	127217	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	320849	20.00	ng	#	0.00
76) Chrysene-d12	21.777	240	320502	20.00	ng	#	0.00
86) Perylene-d12	25.067	264	320487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	259615	101.37	ng		0.00
7) Phenol-d6	7.282	99	412864	106.79	ng		0.00
23) Nitrobenzene-d5	9.297	82	423153	110.42	ng		0.00
42) 2,4,6-Tribromophenol	16.242	330	216172	106.18	ng		0.00
45) 2-Fluorobiphenyl	13.387	172	952477	99.99	ng		0.00
79) Terphenyl-d14	20.097	244	1768473	102.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	58547	46.27	ng	#	93
3) Pyridine	3.974	79	181038	50.97	ng		89
4) n-Nitrosodimethylamine	3.886	42	81955	45.99	ng		85
6) Aniline	7.453	93	248115	53.77	ng		92
8) 2-Chlorophenol	7.693	128	139787	53.03	ng		90
9) Benzaldehyde	7.265	77	102001	42.75	ng		87
10) Phenol	7.306	94	196724	53.74	ng		77
11) bis(2-Chloroethyl)ether	7.547	93	153112	53.15	ng		96
12) 1,3-Dichlorobenzene	8.022	146	168063	50.13	ng	#	92
13) 1,4-Dichlorobenzene	8.169	146	166458	49.51	ng		96
14) 1,2-Dichlorobenzene	8.492	146	159838	49.52	ng		97
15) Benzyl Alcohol	8.363	79	176561	54.67	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.663	45	215136	44.14	ng		93
17) 2-Methylphenol	8.563	107	133134	54.44	ng	#	89
18) Hexachloroethane	9.227	117	65576	51.89	ng		98
19) n-Nitroso-di-n-propyla...	8.939	70	150376	54.96	ng	#	93
20) 3+4-Methylphenols	8.898	107	186097	55.42	ng		90
22) Acetophenone	8.957	105	255666	51.40	ng		95
24) Nitrobenzene	9.339	77	212811	55.00	ng	#	84
25) Isophorone	9.867	82	384041	53.36	ng	#	94
26) 2-Nitrophenol	10.049	139	88494	61.24	ng	#	73
27) 2,4-Dimethylphenol	10.102	122	124706	51.83	ng		88
28) bis(2-Chloroethoxy)met...	10.343	93	226521	52.92	ng		97
29) 2,4-Dichlorophenol	10.584	162	167676	55.87	ng		97
30) 1,2,4-Trichlorobenzene	10.807	180	195471	50.94	ng		99
31) Naphthalene	11.001	128	475209	50.89	ng		99
32) Benzoic acid	10.243	122	126723	71.75	ng	#	76
33) 4-Chloroaniline	11.095	127	226744	54.87	ng	#	92
34) Hexachlorobutadiene	11.283	225	139842	48.90	ng		94
35) Caprolactam	11.877	113	64144	56.74	ng		97
36) 4-Chloro-3-methylphenol	12.206	107	186448	55.82	ng		90
37) 2-Methylnaphthalene	12.594	142	369332	52.11	ng	#	95
38) 1-Methylnaphthalene	12.811	142	347613	52.39	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.958	216	241133	49.66	ng		97
41) Hexachlorocyclopentadiene	12.940	237	140725	54.23	ng		100
43) 2,4,6-Trichlorophenol	13.193	196	172666	55.68	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	174847	55.04	ng	#	95
46) 1,1'-Biphenyl	13.592	154	486138	50.12	ng		100
47) 2-Chloronaphthalene	13.639	162	419081	53.34	ng		97
48) 2-Nitroaniline	13.833	65	159878	58.27	ng	#	77
49) Acenaphthylene	14.480	152	623054	50.56	ng		100
50) Dimethylphthalate	14.209	163	563244	50.93	ng		99
51) 2,6-Dinitrotoluene	14.321	165	121206	56.93	ng	#	65
52) Acenaphthene	14.820	154	432560	52.92	ng		95
53) 3-Nitroaniline	14.650	138	132247	56.93	ng	#	78
54) 2,4-Dinitrophenol	14.856	184	80752	66.21	ng	#	79
55) Dibenzofuran	15.155	168	642165	52.84	ng		97
56) 4-Nitrophenol	14.944	139	106365	58.65	ng	#	66
57) 2,4-Dinitrotoluene	15.108	165	175311	58.69	ng	#	80
58) Fluorene	15.802	166	515119	49.92	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.373	232	177048	53.68	ng	#	96
60) Diethylphthalate	15.567	149	583872	53.83	ng		96
61) 4-Chlorophenyl-phenyle...	15.790	204	317530	51.48	ng		98
62) 4-Nitroaniline	15.813	138	143175	55.99	ng	#	67
63) Azobenzene	16.084	77	549882	51.72	ng		91
65) 4,6-Dinitro-2-methylph...	15.872	198	110442	68.33	ng		92
66) n-Nitrosodiphenylamine	16.007	169	476495	50.88	ng		98
67) 4-Bromophenyl-phenylether	16.683	248	218926	51.45	ng		95
68) Hexachlorobenzene	16.806	284	231854	51.34	ng		97
69) Atrazine	16.947	200	177473	50.78	ng		97
70) Pentachlorophenol	17.141	266	149666	57.53	ng		97
71) Phenanthrene	17.541	178	907075	52.28	ng		98
72) Anthracene	17.635	178	884364	52.06	ng		98
73) Carbazole	17.893	167	819242	52.87	ng		98
74) Di-n-butylphthalate	18.451	149	999721	54.19	ng	#	98
75) Fluoranthene	19.544	202	1159832	50.22	ng		97
77) Benzidine	19.715	184	502398	61.26	ng		99
78) Pyrene	19.903	202	1151554	53.10	ng		99
80) Butylbenzylphthalate	20.784	149	440597	57.35	ng		90
81) Benzo(a)anthracene	21.759	228	1127397	50.93	ng		99
82) 3,3'-Dichlorobenzidine	21.665	252	389481	50.86	ng		99
83) Chrysene	21.824	228	1074980	50.71	ng		98
84) Bis(2-ethylhexyl)phtha...	21.659	149	601370	55.08	ng		95
85) Di-n-octyl phthalate	22.905	149	1011208	55.28	ng		96
87) Indeno(1,2,3-cd)pyrene	28.827	276	1275954	52.03	ng	#	91
88) Benzo(b)fluoranthene	24.021	252	1129667	52.98	ng	#	97
89) Benzo(k)fluoranthene	24.092	252	1083960	52.34	ng	#	96
90) Benzo(a)pyrene	24.914	252	1063671	52.96	ng	#	98
91) Dibenzo(a,h)anthracene	28.898	278	1055555	52.77	ng	#	94
92) Benzo(g,h,i)perylene	30.003	276	1026654	52.51	ng	#	94

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

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