Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012521\
Data File : BG047990.D
Acq On : 25 Jan 2021 14:53
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC005

Quant Time: Jan 25 18:03:34 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	8.132	152	41731	20.00	ng		0.00
21) Naphthalene-d8	10.947	136	168067	20.00	ng		# 0.00
39) Acenaphthene-d10	14.754	164	119565	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	307078	20.00	ng		0.00
76) Chrysene-d12	21.775	240	339738	20.00	ng		# 0.00
86) Perylene-d12	25.065	264	326523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	33918	13.26	ng		0.00
7) Phenol-d6	7.274	99	45873	11.88	ng		0.00
23) Nitrobenzene-d5	9.296	82	45631	11.94	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	20622	10.78	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	110608	12.35	ng		0.00
79) Terphenyl-d14	20.095	244	232000	12.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.573	88	7734	6.12	ng		93
3) Pyridine	3.978	79	20124	5.67	ng	#	84
4) n-Nitrosodimethylamine	3.890	42	9006	5.06	ng	#	68
6) Aniline	7.451	93	27271	5.92	ng		98
8) 2-Chlorophenol	7.697	128	16887	6.41	ng		83
9) Benzaldehyde	7.263	77	12053	5.06	ng		95
10) Phenol	7.304	94	22975	6.28	ng		88
11) bis(2-Chloroethyl)ether	7.545	93	17882	6.21	ng		89
12) 1,3-Dichlorobenzene	8.021	146	20121	6.01	ng	#	89
13) 1,4-Dichlorobenzene	8.167	146	20212	6.02	ng		97
14) 1,2-Dichlorobenzene	8.491	146	19348	6.00	ng		91
15) Benzyl Alcohol	8.361	79	19093	5.92	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.667	45	25265	5.19	ng		96
17) 2-Methylphenol	8.561	107	15410	6.31	ng	#	83
18) Hexachloroethane	9.225	117	7917	6.27	ng		95
19) n-Nitroso-di-n-propyla...	8.931	70	17319	6.34	ng	#	92
20) 3+4-Methylphenols	8.884	107	20318	6.06	ng		83
22) Acetophenone	8.955	105	28170	5.68	ng	#	95
24) Nitrobenzene	9.337	77	23231	6.02	ng		95
25) Isophorone	9.860	82	40980	5.71	ng	#	93
26) 2-Nitrophenol	10.053	139	10035	6.96	ng		92
27) 2,4-Dimethylphenol	10.100	122	14572	6.07	ng		95
28) bis(2-Chloroethoxy)met...	10.341	93	25376	5.94	ng	#	97
29) 2,4-Dichlorophenol	10.588	162	16426	5.49	ng		93
30) 1,2,4-Trichlorobenzene	10.805	180	21451	5.60	ng		96
31) Naphthalene	10.999	128	52849	5.67	ng		98
32) Benzoic acid	10.153	122	9012	5.12	ng		90
33) 4-Chloroaniline	11.093	127	22582	5.48	ng	#	89
34) Hexachlorobutadiene	11.287	225	15669	5.49	ng		98
35) Caprolactam	11.845	113	6271	5.56	ng		95
36) 4-Chloro-3-methylphenol	12.204	107	18994	5.70	ng	#	84
37) 2-Methylnaphthalene	12.592	142	39595	5.60	ng	#	93
38) 1-Methylnaphthalene	12.809	142	37816	5.71	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.956	216	26374	5.78	ng		98
41) Hexachlorocyclopentadiene	12.938	237	13274	5.44	ng		90
43) 2,4,6-Trichlorophenol	13.191	196	16511	5.66	ng		96

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Instrument : BNA_G
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	17483	5.86	ng	#	91
46) 1,1'-Biphenyl	13.590	154	53606	5.88	ng		97
47) 2-Chloronaphthalene	13.637	162	45495	6.16	ng		95
48) 2-Nitroaniline	13.825	65	15241	5.91	ng		84
49) Acenaphthylene	14.478	152	68332	5.90	ng		97
50) Dimethylphthalate	14.202	163	61002	5.87	ng		96
51) 2,6-Dinitrotoluene	14.319	165	12401	6.20	ng	#	87
52) Acenaphthene	14.818	154	44300	5.77	ng		100
53) 3-Nitroaniline	14.642	138	13442	6.16	ng	#	68
54) 2,4-Dinitrophenol	14.854	184	5591	4.88	ng		93
55) Dibenzofuran	15.153	168	69371	6.07	ng		98
56) 4-Nitrophenol	14.936	139	9614	5.64	ng	#	69
57) 2,4-Dinitrotoluene	15.100	165	16501	5.88	ng	#	76
58) Fluorene	15.800	166	55894	5.76	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.371	232	17366	5.60	ng	#	97
60) Diethylphthalate	15.559	149	61748	6.06	ng		95
61) 4-Chlorophenyl-phenyle...	15.794	204	33336	5.75	ng		96
62) 4-Nitroaniline	15.800	138	14235	5.92	ng	#	55
63) Azobenzene	16.082	77	59614	5.97	ng		90
65) 4,6-Dinitro-2-methylph...	15.864	198	9395	6.07	ng		97
66) n-Nitrosodiphenylamine	15.999	169	50877	5.68	ng		96
67) 4-Bromophenyl-phenylether	16.681	248	22456	5.51	ng		95
68) Hexachlorobenzene	16.804	284	24474	5.66	ng		98
69) Atrazine	16.939	200	18448	5.52	ng		97
70) Pentachlorophenol	17.139	266	12670	5.09	ng		86
71) Phenanthrene	17.539	178	100011	6.02	ng		94
72) Anthracene	17.627	178	99387	6.11	ng		94
73) Carbazole	17.891	167	94112	6.35	ng		99
74) Di-n-butylphthalate	18.449	149	114116	6.46	ng		98
75) Fluoranthene	19.542	202	138129	6.25	ng		93
77) Benzidine	19.713	184	45815	5.27	ng		98
78) Pyrene	19.901	202	138379	6.02	ng		97
80) Butylbenzylphthalate	20.782	149	52291	6.42	ng	#	83
81) Benzo(a)anthracene	21.751	228	140540	5.99	ng		98
82) 3,3'-Dichlorobenzidine	21.663	252	44728	5.51	ng		96
83) Chrysene	21.822	228	134700	5.99	ng		98
84) Bis(2-ethylhexyl)phtha...	21.663	149	72606	6.27	ng	#	94
85) Di-n-octyl phthalate	22.903	149	120946	6.24	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.808	276	148158	5.93	ng	#	82
88) Benzo(b)fluoranthene	24.014	252	130166	5.99	ng	#	95
89) Benzo(k)fluoranthene	24.084	252	129236	6.13	ng	#	98
90) Benzo(a)pyrene	24.901	252	121721	5.95	ng	#	97
91) Dibenzo(a,h)anthracene	28.884	278	122991	6.04	ng	#	94
92) Benzo(g,h,i)perylene	29.989	276	116233	5.83	ng	#	92

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

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