Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121720\
Data File : BG047766.D
Acq On : 17 Dec 2020 14:32
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 17 15:36:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 13:16:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
12/18/2020 10:29:10 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.208	152	34501	20.00	ng	#	0.00
21) Naphthalene-d8	11.034	136	120309	20.00	ng	#	0.00
39) Acenaphthene-d10	14.824	164	92685	20.00	ng		0.00
64) Phenanthrene-d10	17.568	188	234115	20.00	ng	#	0.00
76) Chrysene-d12	21.845	240	220019	20.00	ng	#	0.01
86) Perylene-d12	25.194	264	242867	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.729	112	287464	135.06	ng		0.00
7) Phenol-d6	7.350	99	427645	138.79	ng		0.00
23) Nitrobenzene-d5	9.383	82	484732	172.91	ng		0.01
42) 2,4,6-Tribromophenol	16.310	330	252354	162.59	ng		0.00
45) 2-Fluorobiphenyl	13.455	172	1034336	143.13	ng		0.00
79) Terphenyl-d14	20.153	244	1923342	153.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.560	88	58899	55.87	ng	#	80
3) Pyridine	3.978	79	161886	57.42	ng	#	79
4) n-Nitrosodimethylamine	3.884	42	129215	91.40	ng	#	42
6) Aniline	7.521	93	235038	64.62	ng	#	88
8) 2-Chlorophenol	7.767	128	149266	66.05	ng		93
10) Phenol	7.380	94	191129	65.39	ng	#	54
11) bis(2-Chloroethyl)ether	7.615	93	132582	57.19	ng		97
12) 1,3-Dichlorobenzene	8.096	146	192471	65.44	ng	#	85
13) 1,4-Dichlorobenzene	8.243	146	195083	66.05	ng	#	93
14) 1,2-Dichlorobenzene	8.566	146	185470	66.21	ng		92
15) Benzyl Alcohol	8.443	79	195646	82.63	ng	#	80
16) 2,2'-oxybis(1-Chloropr...	8.731	45	132642	37.07	ng		76
17) 2-Methylphenol	8.637	107	132681	67.07	ng	#	80
18) Hexachloroethane	9.301	117	77558	71.72	ng		94
19) n-Nitroso-di-n-propyla...	9.013	70	146005	72.11	ng		97
20) 3+4-Methylphenols	8.972	107	187906	70.92	ng	#	82
22) Acetophenone	9.036	105	259399	74.77	ng	#	88
24) Nitrobenzene	9.424	77	230807	80.91	ng	#	84
25) Isophorone	9.947	82	374150	77.89	ng	#	89
26) 2-Nitrophenol	10.135	139	96877	78.75	ng	#	52
27) 2,4-Dimethylphenol	10.182	122	125978	76.27	ng	#	81
28) bis(2-Chloroethoxy)met...	10.417	93	185732	63.89	ng		97
29) 2,4-Dichlorophenol	10.670	162	172373	75.51	ng		94
30) 1,2,4-Trichlorobenzene	10.893	180	216902	77.09	ng		92
31) Naphthalene	11.087	128	487708	70.80	ng		99
32) Benzoic acid	10.353	122	97818	85.04	ng	#	75
33) 4-Chloroaniline	11.181	127	216697	74.79	ng	#	88
34) Hexachlorobutadiene	11.363	225	188664	88.61	ng		99
35) Caprolactam	11.974	113	54257	72.74	ng	#	80
36) 4-Chloro-3-methylphenol	12.291	107	190890	82.06	ng		87
37) 2-Methylnaphthalene	12.673	142	381520	73.70	ng	#	90
38) 1-Methylnaphthalene	12.891	142	360170	73.22	ng	#	95
40) 1,2,4,5-Tetrachloroben...	13.038	216	279278	76.31	ng	#	98
41) Hexachlorocyclopentadiene	13.014	237	173481	91.47	ng		95
43) 2,4,6-Trichlorophenol	13.267	196	184665	77.62	ng		98
44) 2,4,5-Trichlorophenol	13.337	196	183690	76.04	ng	#	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.666	154	516347	68.05	ng		95
47) 2-Chloronaphthalene	13.713	162	422930	68.33	ng		95
48) 2-Nitroaniline	13.907	65	163460	79.68	ng	#	76
49) Acenaphthylene	14.553	152	623980	68.92	ng		99
50) Dimethylphthalate	14.277	163	583631	71.30	ng		100
51) 2,6-Dinitrotoluene	14.395	165	119968	70.66	ng	#	37
52) Acenaphthene	14.894	154	463108m	80.02	ng		
53) 3-Nitroaniline	14.724	138	124854	73.88	ng	#	77
54) 2,4-Dinitrophenol	14.930	184	89916	82.56	ng	#	47
55) Dibenzofuran	15.223	168	638111	67.06	ng	#	90
56) 4-Nitrophenol	15.024	139	93130	71.15	ng	#	15
57) 2,4-Dinitrotoluene	15.182	165	181830	73.36	ng	#	66
58) Fluorene	15.870	166	535085	69.96	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.447	232	193970	76.48	ng	#	95
60) Diethylphthalate	15.629	149	576304	71.28	ng		96
61) 4-Chlorophenyl-phenyle...	15.852	204	353607	78.07	ng		95
62) 4-Nitroaniline	15.887	138	135218	74.50	ng	#	18
63) Azobenzene	16.146	77	520623	71.85	ng		84
65) 4,6-Dinitro-2-methylph...	15.940	198	119045	73.14	ng		79
66) n-Nitrosodiphenylamine	16.069	169	496599	68.96	ng		93
67) 4-Bromophenyl-phenylether	16.745	248	235422	72.00	ng	#	92
68) Hexachlorobenzene	16.874	284	260111	73.21	ng		96
69) Atrazine	17.004	200	198357	64.40	ng		98
71) Phenanthrene	17.609	178	916788	67.48	ng		97
72) Anthracene	17.697	178	890209	67.45	ng		97
73) Carbazole	17.961	167	780064	66.95	ng		98
74) Di-n-butylphthalate	18.502	149	924889	64.91	ng	#	96
75) Fluoranthene	19.601	202	1205283	69.65	ng		94
77) Benzidine	19.771	184	407997	55.29	ng		98
78) Pyrene	19.965	202	1175143	76.70	ng		96
80) Butylbenzylphthalate	20.823	149	412704	71.40	ng	#	82
81) Benzo(a)anthracene	21.821	228	1160272	74.39	ng		99
82) 3,3'-Dichlorobenzidine	21.727	252	412567	76.45	ng	#	96
83) Chrysene	21.892	228	1101507	73.38	ng		99
84) Bis(2-ethylhexyl)phtha...	21.704	149	578241	71.52	ng	#	96
85) Di-n-octyl phthalate	22.955	149	965020	71.01	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.060	276	1379473	74.83	ng	#	83
88) Benzo(b)fluoranthene	24.131	252	1268272	76.49	ng	#	95
89) Benzo(k)fluoranthene	24.201	252	1157517	71.47	ng	#	95
90) Benzo(a)pyrene	25.041	252	1157961	74.83	ng	#	95
91) Dibenzo(a,h)anthracene	29.131	278	1116598	74.42	ng	#	91
92) Benzo(g,h,i)perylene	30.276	276	1089096	73.19	ng	#	88

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

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