Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121720\
Data File : BG047762.D
Acq On : 17 Dec 2020 11:50
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 17 13:19:39 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 :
SSTDICC020

Manual Integrations APPROVED
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12/18/2020 10:29:02 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.204	152	29495	20.00	ng	#	0.00
21) Naphthalene-d8	11.030	136	109614	20.00	ng	#	0.00
39) Acenaphthene-d10	14.826	164	82906	20.00	ng		0.00
64) Phenanthrene-d10	17.558	188	210265	20.00	ng	#	0.00
76) Chrysene-d12	21.835	240	212293	20.00	ng	#	0.00
86) Perylene-d12	25.190	264	233318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.724	112	70198	38.58	ng		0.00
7) Phenol-d6	7.340	99	103418	39.26	ng		0.00
23) Nitrobenzene-d5	9.373	82	118041	46.21	ng		0.00
42) 2,4,6-Tribromophenol	16.306	330	56574	40.75	ng		0.00
45) 2-Fluorobiphenyl	13.451	172	264892	40.98	ng		0.00
79) Terphenyl-d14	20.143	244	525165	43.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.562	88	13856	15.38	ng	#	86
3) Pyridine	3.979	79	38040	15.78	ng	#	81
4) n-Nitrosodimethylamine	3.885	42	30844	25.52	ng	#	51
6) Aniline	7.517	93	54540	17.54	ng		97
8) 2-Chlorophenol	7.757	128	36596	18.94	ng		88
9) Benzaldehyde	7.329	77	34903	19.70	ng		87
10) Phenol	7.370	94	47392	18.97	ng	#	52
11) bis(2-Chloroethyl)ether	7.611	93	35160	17.74	ng		94
12) 1,3-Dichlorobenzene	8.092	146	49260	19.59	ng	#	83
13) 1,4-Dichlorobenzene	8.239	146	49160m	19.47	ng		
14) 1,2-Dichlorobenzene	8.562	146	45812	19.13	ng		92
15) Benzyl Alcohol	8.433	79	46720	23.08	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.727	45	32596	10.66	ng		81
17) 2-Methylphenol	8.633	107	32445	19.19	ng	#	75
18) Hexachloroethane	9.303	117	18541	20.06	ng		94
19) n-Nitroso-di-n-propyla...	9.003	70	35848	20.71	ng	#	83
20) 3+4-Methylphenols	8.962	107	43674	19.28	ng		87
22) Acetophenone	9.027	105	64283	20.34	ng	#	89
24) Nitrobenzene	9.414	77	56536	21.75	ng	#	79
25) Isophorone	9.931	82	90136	20.60	ng	#	89
26) 2-Nitrophenol	10.125	139	21065	18.79	ng	#	34
27) 2,4-Dimethylphenol	10.178	122	32214	21.40	ng	#	81
28) bis(2-Chloroethoxy)met...	10.419	93	47858	18.07	ng	#	98
29) 2,4-Dichlorophenol	10.666	162	40992	19.71	ng		88
30) 1,2,4-Trichlorobenzene	10.889	180	52889	20.63	ng	#	93
31) Naphthalene	11.083	128	123350	19.65	ng		97
32) Benzoic acid	10.278	122	3784m	3.61	ng		
33) 4-Chloroaniline	11.183	127	53180	20.14	ng	#	91
34) Hexachlorobutadiene	11.359	225	48006	24.75	ng		91
35) Caprolactam	11.929	113	12279	18.07	ng	#	83
36) 4-Chloro-3-methylphenol	12.276	107	46787	22.07	ng	#	77
37) 2-Methylnaphthalene	12.669	142	93791	19.89	ng	#	88
38) 1-Methylnaphthalene	12.887	142	91022	20.31	ng		91
40) 1,2,4,5-Tetrachloroben...	13.034	216	70217	21.45	ng	#	98
41) Hexachlorocyclopentadiene	13.010	237	37247	21.95	ng		99
43) 2,4,6-Trichlorophenol	13.263	196	42069	19.77	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.333	196	43253	20.02	ng	#	92
46) 1,1'-Biphenyl	13.662	154	130226	19.19	ng		94
47) 2-Chloronaphthalene	13.709	162	103579	18.71	ng		92
48) 2-Nitroaniline	13.897	65	39091	21.30	ng	#	74
49) Acenaphthylene	14.549	152	154412	19.07	ng	#	94
50) Dimethylphthalate	14.262	163	143760	19.63	ng		100
51) 2,6-Dinitrotoluene	14.385	165	29120	19.18	ng	#	42
52) Acenaphthene	14.890	154	111122	21.46	ng		96
53) 3-Nitroaniline	14.714	138	27966	18.50	ng	#	64
54) 2,4-Dinitrophenol	14.925	184	18364	18.85	ng	#	57
55) Dibenzofuran	15.219	168	159982	18.79	ng		92
56) 4-Nitrophenol	15.014	139	20463	17.48	ng	#	19
57) 2,4-Dinitrotoluene	15.166	165	43192	19.48	ng	#	65
58) Fluorene	15.866	166	136391	19.94	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.437	232	45244	19.94	ng	#	93
60) Diethylphthalate	15.619	149	140176	19.38	ng		95
61) 4-Chlorophenyl-phenyle...	15.854	204	87663	21.64	ng		97
62) 4-Nitroaniline	15.871	138	33339	20.54	ng	#	20
63) Azobenzene	16.142	77	129204	19.93	ng		86
65) 4,6-Dinitro-2-methylph...	15.930	198	24571	16.81	ng		92
66) n-Nitrosodiphenylamine	16.059	169	120353	18.61	ng		92
67) 4-Bromophenyl-phenylether	16.747	248	56787	19.34	ng	#	87
68) Hexachlorobenzene	16.870	284	61230	19.19	ng	#	89
69) Atrazine	16.994	200	51649	18.67	ng		90
70) Pentachlorophenol	17.205	266	25882	14.89	ng		95
71) Phenanthrene	17.605	178	230459	18.89	ng		96
72) Anthracene	17.693	178	222447	18.77	ng		96
73) Carbazole	17.957	167	193535	18.49	ng		98
74) Di-n-butylphthalate	18.498	149	228754	17.88	ng	#	94
75) Fluoranthene	19.596	202	308881	19.87	ng		92
77) Benzidine	19.767	184	109514	15.38	ng		96
78) Pyrene	19.961	202	309087	20.91	ng		93
80) Butylbenzylphthalate	20.824	149	106610	19.12	ng	#	83
81) Benzo(a)anthracene	21.817	228	308256	20.48	ng		96
82) 3,3'-Dichlorobenzidine	21.723	252	108627	20.86	ng	#	90
83) Chrysene	21.882	228	290078	20.03	ng		95
84) Bis(2-ethylhexyl)phtha...	21.700	149	144204	18.48	ng		94
85) Di-n-octyl phthalate	22.951	149	247221	18.85	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.038	276	356714	20.14	ng	#	85
88) Benzo(b)fluoranthene	24.115	252	317139	19.91	ng	#	95
89) Benzo(k)fluoranthene	24.185	252	315768	20.30	ng	#	95
90) Benzo(a)pyrene	25.031	252	302332	20.34	ng	#	92
91) Dibenzo(a,h)anthracene	29.097	278	290535	20.16	ng	#	90
92) Benzo(g,h,i)perylene	30.237	276	283554	19.84	ng	#	87

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

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