Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121820\
Data File : BG047777.D
Acq On : 18 Dec 2020 16:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
12/21/2020 10:41:23 AM

Quant Time: Dec 18 17:22:43 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 15:55:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.196	152	25252	20.00	ng		0.00
21) Naphthalene-d8	11.028	136	98609	20.00	ng		# 0.00
39) Acenaphthene-d10	14.824	164	80958	20.00	ng		0.00
64) Phenanthrene-d10	17.562	188	218140	20.00	ng		# 0.00
76) Chrysene-d12	21.839	240	217751	20.00	ng		# 0.00
86) Perylene-d12	25.182	264	230613	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.723	112	109804	75.22	ng		0.00
7) Phenol-d6	7.339	99	168388	78.91	ng		0.00
23) Nitrobenzene-d5	9.366	82	188948	70.48	ng		0.00
42) 2,4,6-Tribromophenol	16.305	330	109707	79.38	ng		0.00
45) 2-Fluorobiphenyl	13.449	172	414599	66.27	ng		0.00
79) Terphenyl-d14	20.141	244	921702	69.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	21604	34.45	ng	#	82
3) Pyridine	3.972	79	64077	39.59	ng	#	80
4) n-Nitrosodimethylamine	3.878	42	48217	37.65	ng	#	43
6) Aniline	7.515	93	90084	38.06	ng		93
8) 2-Chlorophenol	7.762	128	57823	38.86	ng		97
9) Benzaldehyde	7.321	77	49225	35.20	ng	#	81
10) Phenol	7.368	94	76493	39.54	ng	#	56
11) bis(2-Chloroethyl)ether	7.603	93	50171	36.39	ng		99
12) 1,3-Dichlorobenzene	8.091	146	72330	36.06	ng	#	82
13) 1,4-Dichlorobenzene	8.238	146	73563	36.70	ng		96
14) 1,2-Dichlorobenzene	8.561	146	69962m	37.12	ng		
15) Benzyl Alcohol	8.431	79	74389	39.35	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.725	45	49870	36.41	ng		77
17) 2-Methylphenol	8.637	107	51988	38.09	ng	#	77
18) Hexachloroethane	9.301	117	30611	38.96	ng		93
19) n-Nitroso-di-n-propyla...	9.001	70	54822	36.92	ng		97
20) 3+4-Methylphenols	8.960	107	70047	37.46	ng	#	82
22) Acetophenone	9.025	105	99264	35.17	ng	#	89
24) Nitrobenzene	9.413	77	89024	35.18	ng	#	78
25) Isophorone	9.936	82	150273	37.17	ng	#	90
26) 2-Nitrophenol	10.129	139	37869	37.83	ng	#	57
27) 2,4-Dimethylphenol	10.182	122	50107	34.77	ng		89
28) bis(2-Chloroethoxy)met...	10.417	93	72594	34.74	ng		91
29) 2,4-Dichlorophenol	10.664	162	66357	35.36	ng		94
30) 1,2,4-Trichlorobenzene	10.887	180	85485	35.51	ng		95
31) Naphthalene	11.081	128	189055	34.88	ng		99
32) Benzoic acid	10.182	122	50107	66.23	ng	#	26
33) 4-Chloroaniline	11.175	127	81984	35.60	ng	#	81
34) Hexachlorobutadiene	11.363	225	70323	33.12	ng		97
35) Caprolactam	11.939	113	27049	45.39	ng	#	82
36) 4-Chloro-3-methylphenol	12.280	107	79025	38.53	ng		85
37) 2-Methylnaphthalene	12.668	142	146314	34.80	ng	#	91
38) 1-Methylnaphthalene	12.885	142	139984	35.23	ng	#	89
40) 1,2,4,5-Tetrachloroben...	13.032	216	107176	32.26	ng	#	98
41) Hexachlorocyclopentadiene	13.008	237	58483	32.51	ng		99
43) 2,4,6-Trichlorophenol	13.261	196	76841	36.19	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.332	196	79553	37.87	ng	#	89
46) 1,1'-Biphenyl	13.661	154	205342	33.24	ng		94
47) 2-Chloronaphthalene	13.713	162	167627	33.37	ng		99
48) 2-Nitroaniline	13.901	65	70171	37.80	ng	#	81
49) Acenaphthylene	14.548	152	262966	35.27	ng		98
50) Dimethylphthalate	14.266	163	255311	36.59	ng		99
51) 2,6-Dinitrotoluene	14.383	165	51895	36.58	ng	#	46
52) Acenaphthene	14.889	154	171876	32.69	ng		92
53) 3-Nitroaniline	14.718	138	52057	37.03	ng	#	71
54) 2,4-Dinitrophenol	14.924	184	13706	15.08	ng	#	50
55) Dibenzofuran	15.218	168	270997	35.55	ng		94
56) 4-Nitrophenol	15.012	139	41595	41.04	ng	#	18
57) 2,4-Dinitrotoluene	15.171	165	74365	35.26	ng	#	46
58) Fluorene	15.864	166	231057	35.68	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.441	232	89196	41.57	ng	#	95
60) Diethylphthalate	15.617	149	250373	37.21	ng		96
61) 4-Chlorophenyl-phenyle...	15.852	204	141929	34.78	ng		96
62) 4-Nitroaniline	15.870	138	61732	39.92	ng	#	28
63) Azobenzene	16.146	77	226156	36.05	ng		86
65) 4,6-Dinitro-2-methylph...	15.934	198	39104	28.06	ng		81
66) n-Nitrosodiphenylamine	16.064	169	218412	34.99	ng		90
67) 4-Bromophenyl-phenylether	16.745	248	98699	33.67	ng	#	89
68) Hexachlorobenzene	16.869	284	110288	34.68	ng	#	94
69) Atrazine	16.998	200	99267	37.86	ng		97
70) Pentachlorophenol	17.203	266	38548	27.71	ng		93
71) Phenanthrene	17.603	178	416720	35.44	ng		96
72) Anthracene	17.691	178	398153	34.92	ng		97
73) Carbazole	17.956	167	363947	36.46	ng		99
74) Di-n-butylphthalate	18.496	149	436073	37.06	ng	#	97
75) Fluoranthene	19.595	202	545602	34.61	ng		93
77) Benzidine	19.765	184	208240	35.56	ng		98
78) Pyrene	19.959	202	535701	34.34	ng		96
80) Butylbenzylphthalate	20.823	149	190383	35.59	ng	#	82
81) Benzo(a)anthracene	21.816	228	536531	34.30	ng		95
82) 3,3'-Dichlorobenzidine	21.722	252	180230	32.74	ng	#	96
83) Chrysene	21.880	228	506770	34.31	ng		96
84) Bis(2-ethylhexyl)phtha...	21.692	149	258102	35.01	ng		98
85) Di-n-octyl phthalate	22.944	149	430759	34.45	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.025	276	612170	34.96	ng	#	85
88) Benzo(b)fluoranthene	24.113	252	561614	35.32	ng	#	93
89) Benzo(k)fluoranthene	24.184	252	537875	34.89	ng	#	93
90) Benzo(a)pyrene	25.030	252	521020	35.22	ng	#	96
91) Dibenzo(a,h)anthracene	29.095	278	500363	35.27	ng	#	93
92) Benzo(g,h,i)perylene	30.241	276	495413	35.71	ng	#	88

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

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