Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
Data File : BG047851.D
Acq On : 31 Dec 2020 16:52
Operator : CG/JU
Sample : PB133886BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB133886BS

Manual Integrations APPROVED
mohammad
1/4/2021 11:51:55 AM

Quant Time: Dec 31 17:35:37 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	8.198	152	31456	20.00	ng	0.00
21) Naphthalene-d8	11.024	136	128083	20.00	ng	# 0.00
39) Acenaphthene-d10	14.819	164	100682	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	264797	20.00	ng	# 0.00
76) Chrysene-d12	21.835	240	254194	20.00	ng	# 0.00
86) Perylene-d12	25.172	264	260293	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.724	112	203025	111.65	ng	0.00
7) Phenol-d6	7.346	99	282958	106.45	ng	0.00
23) Nitrobenzene-d5	9.367	82	216415	62.15	ng	0.00
42) 2,4,6-Tribromophenol	16.300	330	180269	104.88	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	480943	61.81	ng	0.00
79) Terphenyl-d14	20.143	244	964042	62.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.544	88	20329	26.02	ng	# 80
3) Pyridine	3.967	79	55721	27.64	ng	# 87
4) n-Nitrosodimethylamine	3.873	42	55407	34.73	ng	# 36
6) Aniline	7.510	93	69670	23.63	ng	92
8) 2-Chlorophenol	7.757	128	72687	39.22	ng	92
9) Benzaldehyde	7.322	77	22310	12.81	ng	# 81
10) Phenol	7.369	94	97345	40.39	ng	# 55
11) bis(2-Chloroethyl)ether	7.604	93	64056	37.30	ng	97
12) 1,3-Dichlorobenzene	8.086	146	87593	35.06	ng	# 84
13) 1,4-Dichlorobenzene	8.233	146	89330	35.78	ng	96
14) 1,2-Dichlorobenzene	8.556	146	84380m	35.94	ng	
15) Benzyl Alcohol	8.433	79	92937	39.47	ng	# 79
16) 2,2'-oxybis(1-Chloropr...	8.727	45	62922	36.88	ng	78
17) 2-Methylphenol	8.633	107	70656	41.55	ng	# 81
18) Hexachloroethane	9.296	117	35283	36.04	ng	97
19) n-Nitroso-di-n-propyla...	9.003	70	68662	37.12	ng	92
20) 3+4-Methylphenols	8.962	107	94760	40.68	ng	# 86
22) Acetophenone	9.026	105	122861	33.52	ng	# 89
24) Nitrobenzene	9.414	77	112380	34.19	ng	# 82
25) Isophorone	9.931	82	184807	35.20	ng	# 90
26) 2-Nitrophenol	10.125	139	46583	35.83	ng	# 40
27) 2,4-Dimethylphenol	10.172	122	80405	42.96	ng	# 79
28) bis(2-Chloroethoxy)met...	10.413	93	90637	33.39	ng	99
29) 2,4-Dichlorophenol	10.665	162	88497	36.31	ng	95
30) 1,2,4-Trichlorobenzene	10.883	180	103460	33.08	ng	94
31) Naphthalene	11.077	128	241163	34.26	ng	98
32) Benzoic acid	10.301	122	22132	22.52	ng	# 87
33) 4-Chloroaniline	11.177	127	39248	13.12	ng	# 87
34) Hexachlorobutadiene	11.359	225	86071	31.21	ng	96
35) Caprolactam	11.940	113	26896m	34.75	ng	
36) 4-Chloro-3-methylphenol	12.281	107	98557	37.00	ng	84
37) 2-Methylnaphthalene	12.663	142	192447	35.24	ng	# 85
38) 1-Methylnaphthalene	12.886	142	176775	34.25	ng	# 93
40) 1,2,4,5-Tetrachloroben...	13.027	216	134541	32.56	ng	# 94
41) Hexachlorocyclopentadiene	13.004	237	171695	76.74	ng	97
43) 2,4,6-Trichlorophenol	13.262	196	90572	34.30	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.333	196	96540	36.96	ng	#	90
46) 1,1'-Biphenyl	13.656	154	256872	33.43	ng		95
47) 2-Chloronaphthalene	13.709	162	202736	32.45	ng		97
48) 2-Nitroaniline	13.903	65	78371	33.95	ng	#	75
49) Acenaphthylene	14.549	152	321657	34.69	ng		97
50) Dimethylphthalate	14.261	163	295031	34.00	ng		100
51) 2,6-Dinitrotoluene	14.390	165	62107	35.20	ng	#	55
52) Acenaphthene	14.884	154	264277m	40.41	ng		
53) 3-Nitroaniline	14.714	138	33041	18.90	ng	#	54
54) 2,4-Dinitrophenol	14.925	184	83169	73.58	ng	#	44
55) Dibenzofuran	15.219	168	332102	35.03	ng		94
56) 4-Nitrophenol	15.019	139	96683	76.71	ng	#	12
57) 2,4-Dinitrotoluene	15.172	165	94467	36.02	ng	#	67
58) Fluorene	15.859	166	286920	35.63	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.436	232	97909	36.69	ng	#	94
60) Diethylphthalate	15.613	149	292588	34.97	ng		98
61) 4-Chlorophenyl-phenyle...	15.848	204	170044	33.51	ng		98
62) 4-Nitroaniline	15.871	138	60460	31.44	ng	#	26
63) Azobenzene	16.141	77	282063	36.15	ng		85
65) 4,6-Dinitro-2-methylph...	15.936	198	62800	37.12	ng		78
66) n-Nitrosodiphenylamine	16.059	169	267576	35.31	ng		93
67) 4-Bromophenyl-phenylether	16.741	248	116595	32.77	ng	#	90
68) Hexachlorobenzene	16.864	284	131590	34.09	ng	#	93
69) Atrazine	16.993	200	100597	31.61	ng		97
70) Pentachlorophenol	17.205	266	160458	62.53	ng		96
71) Phenanthrene	17.604	178	494207	34.62	ng		96
72) Anthracene	17.693	178	511917	36.99	ng		96
73) Carbazole	17.957	167	440527	36.35	ng		97
74) Di-n-butylphthalate	18.492	149	507388	35.52	ng	#	97
75) Fluoranthene	19.596	202	669193	34.97	ng		93
77) Benzidine	19.761	184	230893	33.78	ng		95
78) Pyrene	19.955	202	654868	35.96	ng		97
80) Butylbenzylphthalate	20.818	149	215941	34.58	ng	#	85
81) Benzo(a)anthracene	21.811	228	635737	34.82	ng		97
82) 3,3'-Dichlorobenzidine	21.717	252	139594	21.72	ng	#	94
83) Chrysene	21.882	228	601707	34.89	ng		99
84) Bis(2-ethylhexyl)phtha...	21.694	149	307432	35.72	ng		97
85) Di-n-octyl phthalate	22.939	149	520044	35.63	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.026	276	727759	36.82	ng	#	85
88) Benzo(b)fluoranthene	24.114	252	674092	37.56	ng	#	96
89) Benzo(k)fluoranthene	24.185	252	650053	37.36	ng	#	95
90) Benzo(a)pyrene	25.025	252	600221	35.94	ng	#	94
91) Dibenzo(a,h)anthracene	29.085	278	601719	37.58	ng	#	92
92) Benzo(g,h,i)perylene	30.225	276	593743	37.92	ng	#	91

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

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