Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
Data File : BG048487.D
Acq On : 24 Mar 2021 13:27
Operator : CG/JU
Sample : PB135304BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135304BS

Manual Integrations APPROVED
mohammad
3/25/2021 11:49:49 AM

Quant Time: Mar 24 14:20:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	42737	20.00	ng		# 0.00
21) Naphthalene-d8	10.925	136	175006	20.00	ng		# 0.00
39) Acenaphthene-d10	14.744	164	126905	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	305365	20.00	ng		0.00
76) Chrysene-d12	21.783	240	288256	20.00	ng		# 0.00
86) Perylene-d12	25.115	264	257910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.649	112	300324	116.21	ng		0.00
7) Phenol-d6	7.253	99	426965	113.54	ng		0.00
23) Nitrobenzene-d5	9.269	82	243721	55.68	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	214394	103.88	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	509212	57.72	ng		0.00
79) Terphenyl-d14	20.103	244	859672	53.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	41672	38.22	ng	#	84
3) Pyridine	3.916	79	114301	37.60	ng		88
4) n-Nitrosodimethylamine	3.828	42	71412	40.43	ng	#	64
6) Aniline	7.418	93	144788	32.55	ng	#	95
8) 2-Chlorophenol	7.665	128	123952	45.99	ng		94
9) Benzaldehyde	7.230	77	31406	7.71	ng	#	81
10) Phenol	7.283	94	176081	45.69	ng		76
11) bis(2-Chloroethyl)ether	7.512	93	117168	43.39	ng		99
12) 1,3-Dichlorobenzene	7.988	146	131556	41.03	ng	#	89
13) 1,4-Dichlorobenzene	8.135	146	132800	41.73	ng	#	93
14) 1,2-Dichlorobenzene	8.458	146	128269	42.01	ng		95
15) Benzyl Alcohol	8.334	79	139733	41.85	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.622	45	125120	40.53	ng		83
17) 2-Methylphenol	8.540	107	118051	48.31	ng	#	84
18) Hexachloroethane	9.192	117	51371	41.96	ng		95
19) n-Nitroso-di-n-propyla...	8.904	70	113875	40.80	ng	#	97
20) 3+4-Methylphenols	8.863	107	161339	48.20	ng		85
22) Acetophenone	8.928	105	196914	40.01	ng	#	93
24) Nitrobenzene	9.310	77	174497	37.21	ng	#	83
25) Isophorone	9.833	82	309598	36.95	ng	#	93
26) 2-Nitrophenol	10.026	139	68820	38.62	ng	#	67
27) 2,4-Dimethylphenol	10.079	122	130713	47.00	ng		88
28) bis(2-Chloroethoxy)met...	10.314	93	168402	44.35	ng	#	95
29) 2,4-Dichlorophenol	10.567	162	136306	42.24	ng		96
30) 1,2,4-Trichlorobenzene	10.784	180	139277	35.70	ng		95
31) Naphthalene	10.972	128	383100	39.48	ng		100
32) Benzoic acid	10.214	122	104138	48.12	ng	#	79
33) 4-Chloroaniline	11.078	127	109976	26.51	ng	#	91
34) Hexachlorobutadiene	11.254	225	96789	31.30	ng		97
35) Caprolactam	11.848	113	49410m	42.88	ng		
36) 4-Chloro-3-methylphenol	12.195	107	162829	43.47	ng	#	84
37) 2-Methylnaphthalene	12.576	142	302914	40.90	ng	#	95
38) 1-Methylnaphthalene	12.794	142	278895	40.04	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.941	216	165503	35.71	ng	#	95
41) Hexachlorocyclopentadiene	12.917	237	208038	69.44	ng		97
43) 2,4,6-Trichlorophenol	13.176	196	126947	40.41	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	134840	39.01	ng	#	90
46) 1,1'-Biphenyl	13.575	154	383464	42.10	ng		97
47) 2-Chloronaphthalene	13.622	162	300160	40.87	ng		94
48) 2-Nitroaniline	13.816	65	121206	44.59	ng	#	78
49) Acenaphthylene	14.468	152	482054	40.54	ng		99
50) Dimethylphthalate	14.192	163	422649	40.92	ng		99
51) 2,6-Dinitrotoluene	14.310	165	90866	40.88	ng	#	52
52) Acenaphthene	14.809	154	381038m	47.68	ng		
53) 3-Nitroaniline	14.645	138	63988	30.06	ng	#	76
54) 2,4-Dinitrophenol	14.844	184	122759	90.49	ng	#	54
55) Dibenzofuran	15.144	168	484397	40.70	ng		96
56) 4-Nitrophenol	14.950	139	156742	82.30	ng	#	46
57) 2,4-Dinitrotoluene	15.097	165	129276	40.96	ng	#	67
58) Fluorene	15.790	166	394458	39.48	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.361	232	127030	37.24	ng	#	86
60) Diethylphthalate	15.555	149	452337	44.80	ng		94
61) 4-Chlorophenyl-phenyle...	15.779	204	227165	39.53	ng		92
62) 4-Nitroaniline	15.808	138	90758	38.93	ng	#	49
63) Azobenzene	16.072	77	444944	40.50	ng		86
65) 4,6-Dinitro-2-methylph...	15.861	198	85918	44.68	ng		75
66) n-Nitrosodiphenylamine	15.996	169	369009	41.71	ng		100
67) 4-Bromophenyl-phenylether	16.678	248	148411	38.59	ng	#	93
68) Hexachlorobenzene	16.795	284	164132	39.83	ng	#	93
69) Atrazine	16.936	200	126219	35.47	ng		96
70) Pentachlorophenol	17.142	266	215751	78.75	ng		98
71) Phenanthrene	17.535	178	663264	41.12	ng		99
72) Anthracene	17.629	178	668816	41.79	ng		98
73) Carbazole	17.894	167	623750	40.87	ng		99
74) Di-n-butylphthalate	18.446	149	758700	44.92	ng	#	97
75) Fluoranthene	19.545	202	834362	38.85	ng		96
77) Benzidine	19.721	184	231153	26.77	ng		97
78) Pyrene	19.909	202	822977	41.57	ng		97
80) Butylbenzylphthalate	20.784	149	325247	46.23	ng	#	83
81) Benzo(a)anthracene	21.766	228	763922	38.21	ng		97
82) 3,3'-Dichlorobenzidine	21.678	252	244613	33.90	ng		98
83) Chrysene	21.836	228	734987	38.35	ng		100
84) Bis(2-ethylhexyl)phtha...	21.660	149	461429	47.46	ng	#	94
85) Di-n-octyl phthalate	22.917	149	785424	48.25	ng		97
87) Indeno(1,2,3-cd)pyrene	28.940	276	915055	46.52	ng	#	87
88) Benzo(b)fluoranthene	24.057	252	819340	45.08	ng	#	95
89) Benzo(k)fluoranthene	24.128	252	781703	45.58	ng	#	97
90) Benzo(a)pyrene	24.956	252	727220	43.88	ng	#	97
91) Dibenzo(a,h)anthracene	29.016	278	773361	46.09	ng	#	94
92) Benzo(g,h,i)perylene	30.138	276	759914	46.68	ng	#	91

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

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