Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048424.D
Acq On : 19 Mar 2021 14:55
Operator : CG/JU
Sample : PB135220BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135220BS

Manual Integrations APPROVED
mohammad
3/22/2021 2:49:44 PM

Quant Time: Mar 19 15:41:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 16:38:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.108	152	38718	20.00	ng	#	0.00
21) Naphthalene-d8	10.928	136	159107	20.00	ng	#	0.00
39) Acenaphthene-d10	14.753	164	125711	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	337278	20.00	ng	#	0.00
76) Chrysene-d12	21.798	240	370888	20.00	ng	#	0.00
86) Perylene-d12	25.135	264	371021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	293423	125.32	ng		0.00
7) Phenol-d6	7.250	99	421194	123.63	ng		0.00
23) Nitrobenzene-d5	9.277	82	252602	63.48	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	228575	111.80	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	563538	64.49	ng		0.00
79) Terphenyl-d14	20.112	244	1185452	57.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.525	88	38472	38.95	ng	#	93
3) Pyridine	3.925	79	109732	39.85	ng		92
4) n-Nitrosodimethylamine	3.837	42	68837	43.01	ng	#	71
6) Aniline	7.421	93	139776	34.69	ng	#	92
8) 2-Chlorophenol	7.667	128	109404	44.81	ng		89
9) Benzaldehyde	7.233	77	41372	16.78	ng	#	76
10) Phenol	7.280	94	164324	47.07	ng	#	67
11) bis(2-Chloroethyl)ether	7.521	93	106717	43.63	ng		98
12) 1,3-Dichlorobenzene	7.996	146	124527	42.87	ng	#	87
13) 1,4-Dichlorobenzene	8.143	146	125788	43.63	ng		94
14) 1,2-Dichlorobenzene	8.467	146	120469	43.55	ng		94
15) Benzyl Alcohol	8.343	79	130730	43.22	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.637	45	120716	43.16	ng		90
17) 2-Methylphenol	8.543	107	107533	48.58	ng	#	83
18) Hexachloroethane	9.201	117	46798	42.20	ng		94
19) n-Nitroso-di-n-propyla...	8.913	70	106163	41.98	ng	#	95
20) 3+4-Methylphenols	8.866	107	143114	47.19	ng		90
22) Acetophenone	8.931	105	180583	40.36	ng	#	93
24) Nitrobenzene	9.318	77	164471	38.58	ng	#	84
25) Isophorone	9.841	82	289407	37.99	ng	#	95
26) 2-Nitrophenol	10.029	139	62401	38.51	ng	#	60
27) 2,4-Dimethylphenol	10.082	122	119880	47.41	ng		91
28) bis(2-Chloroethoxy)met...	10.323	93	152817	44.26	ng		97
29) 2,4-Dichlorophenol	10.564	162	125983	42.94	ng		95
30) 1,2,4-Trichlorobenzene	10.787	180	135349	38.16	ng		91
31) Naphthalene	10.981	128	344834	39.09	ng		99
32) Benzoic acid	10.200	122	85896	43.65	ng	#	76
33) 4-Chloroaniline	11.081	127	82587	21.90	ng	#	85
34) Hexachlorobutadiene	11.263	225	106393	37.85	ng		94
35) Caprolactam	11.851	113	46665m	44.55	ng		
36) 4-Chloro-3-methylphenol	12.192	107	143706	42.19	ng	#	83
37) 2-Methylnaphthalene	12.585	142	270894	40.23	ng	#	93
38) 1-Methylnaphthalene	12.803	142	252917	39.94	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.944	216	180452	39.31	ng	#	95
41) Hexachlorocyclopentadiene	12.926	237	272867	91.94	ng		98
43) 2,4,6-Trichlorophenol	13.179	196	125089	40.20	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	136267	39.79	ng	#	94
46) 1,1'-Biphenyl	13.584	154	371677	41.20	ng		97
47) 2-Chloronaphthalene	13.631	162	285062	39.19	ng		93
48) 2-Nitroaniline	13.819	65	114785	42.63	ng	#	66
49) Acenaphthylene	14.477	152	471596	40.04	ng		99
50) Dimethylphthalate	14.195	163	420804	41.13	ng		99
51) 2,6-Dinitrotoluene	14.313	165	89179	40.50	ng	#	51
52) Acenaphthene	14.812	154	358579m	45.30	ng		
53) 3-Nitroaniline	14.642	138	63721	30.22	ng		88
54) 2,4-Dinitrophenol	14.847	184	118350	88.07	ng	#	62
55) Dibenzofuran	15.147	168	462746	39.25	ng		91
56) 4-Nitrophenol	14.941	139	154932	82.12	ng	#	35
57) 2,4-Dinitrotoluene	15.100	165	131183	41.96	ng	#	65
58) Fluorene	15.799	166	402548	40.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.370	232	141642	41.92	ng	#	95
60) Diethylphthalate	15.564	149	426349	42.63	ng		96
61) 4-Chlorophenyl-phenyle...	15.787	204	240437	42.23	ng		97
62) 4-Nitroaniline	15.811	138	96424	41.75	ng	#	55
63) Azobenzene	16.081	77	432717	39.76	ng		87
65) 4,6-Dinitro-2-methylph...	15.864	198	82673	38.92	ng		82
66) n-Nitrosodiphenylamine	15.999	169	378310	38.72	ng		97
67) 4-Bromophenyl-phenylether	16.686	248	164319	38.68	ng		97
68) Hexachlorobenzene	16.804	284	175107	38.47	ng		97
69) Atrazine	16.945	200	144406	36.74	ng		96
70) Pentachlorophenol	17.145	266	240039	79.33	ng		96
71) Phenanthrene	17.544	178	700452	39.32	ng		98
72) Anthracene	17.638	178	716778	40.55	ng		100
73) Carbazole	17.903	167	645052	38.27	ng		98
74) Di-n-butylphthalate	18.461	149	774901	41.53	ng	#	96
75) Fluoranthene	19.554	202	984756	41.51	ng		95
77) Benzidine	19.724	184	424707	38.23	ng		96
78) Pyrene	19.918	202	975312	38.29	ng		97
80) Butylbenzylphthalate	20.799	149	346388	38.26	ng	#	88
81) Benzo(a)anthracene	21.774	228	996175	38.73	ng		98
82) 3,3'-Dichlorobenzidine	21.686	252	250179	26.95	ng	#	95
83) Chrysene	21.845	228	959998	38.93	ng		98
84) Bis(2-ethylhexyl)phtha...	21.680	149	505087	40.38	ng		96
85) Di-n-octyl phthalate	22.938	149	856058	40.87	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.966	276	1170823	41.38	ng	#	87
88) Benzo(b)fluoranthene	24.072	252	1031534	39.45	ng	#	97
89) Benzo(k)fluoranthene	24.142	252	994562	40.32	ng	#	96
90) Benzo(a)pyrene	24.977	252	940229	39.44	ng	#	96
91) Dibenzo(a,h)anthracene	29.037	278	972750	40.30	ng	#	93
92) Benzo(g,h,i)perylene	30.165	276	951849	40.64	ng	#	91

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

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