Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048397.D
Acq On : 17 Mar 2021 14:15
Operator : CG/JU
Sample : PB135194BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135194BS

Manual Integrations APPROVED
mohammad
3/18/2021 2:31:35 PM

Quant Time: Mar 17 15:09:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 16:05:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	48734	20.00	ng		0.00
21) Naphthalene-d8	10.938	136	198376	20.00	ng	#	0.00
39) Acenaphthene-d10	14.757	164	151515	20.00	ng		0.00
64) Phenanthrene-d10	17.506	188	401460	20.00	ng	#	0.00
76) Chrysene-d12	21.801	240	437623	20.00	ng	#	0.00
86) Perylene-d12	25.133	264	389652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	397918	140.25	ng		0.00
7) Phenol-d6	7.260	99	553972	132.53	ng		0.00
23) Nitrobenzene-d5	9.281	82	330233	73.97	ng		0.00
42) 2,4,6-Tribromophenol	16.243	330	251291	129.63	ng		0.00
45) 2-Fluorobiphenyl	13.376	172	711437	66.17	ng		0.00
79) Terphenyl-d14	20.109	244	1394323	61.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	47785	35.22	ng	#	92
3) Pyridine	3.934	79	133027	35.92	ng		93
4) n-Nitrosodimethylamine	3.846	42	92106	43.07	ng	#	70
6) Aniline	7.430	93	190441	37.05	ng	#	89
8) 2-Chlorophenol	7.677	128	145721	50.88	ng		86
9) Benzaldehyde	7.242	77	47532	14.97	ng	#	75
10) Phenol	7.283	94	213164	49.96	ng	#	64
11) bis(2-Chloroethyl)ether	7.524	93	144116	46.78	ng		97
12) 1,3-Dichlorobenzene	8.000	146	157482	43.11	ng	#	90
13) 1,4-Dichlorobenzene	8.153	146	158597	43.43	ng		95
14) 1,2-Dichlorobenzene	8.470	146	155825m	43.61	ng		
15) Benzyl Alcohol	8.347	79	180867	49.38	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.634	45	168950	44.87	ng		90
17) 2-Methylphenol	8.546	107	132658	48.62	ng	#	81
18) Hexachloroethane	9.210	117	59356	44.43	ng		100
19) n-Nitroso-di-n-propyla...	8.922	70	142548	44.26	ng	#	95
20) 3+4-Methylphenols	8.875	107	189787	52.12	ng		84
22) Acetophenone	8.940	105	240186	42.84	ng	#	88
24) Nitrobenzene	9.322	77	214879	44.14	ng	#	80
25) Isophorone	9.851	82	376397	39.29	ng	#	92
26) 2-Nitrophenol	10.039	139	76591	50.51	ng	#	70
27) 2,4-Dimethylphenol	10.092	122	148487	48.89	ng		89
28) bis(2-Chloroethoxy)met...	10.332	93	197583	45.93	ng		98
29) 2,4-Dichlorophenol	10.573	162	164926	50.32	ng		96
30) 1,2,4-Trichlorobenzene	10.797	180	179529	41.98	ng		94
31) Naphthalene	10.985	128	451321	41.70	ng		99
32) Benzoic acid	10.209	122	96298	50.36	ng	#	86
33) 4-Chloroaniline	11.084	127	100006	21.98	ng	#	86
34) Hexachlorobutadiene	11.273	225	136615	40.89	ng		97
35) Caprolactam	11.860	113	53346m	47.72	ng		
36) 4-Chloro-3-methylphenol	12.195	107	183107	46.70	ng		86
37) 2-Methylnaphthalene	12.589	142	348261	41.96	ng	#	90
38) 1-Methylnaphthalene	12.806	142	326159	41.68	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.953	216	236430	42.19	ng	#	97
41) Hexachlorocyclopentadiene	12.929	237	279672	91.19	ng		96
43) 2,4,6-Trichlorophenol	13.182	196	154649	47.09	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	167857	47.10	ng	#	90
46) 1,1'-Biphenyl	13.587	154	467791	42.53	ng		99
47) 2-Chloronaphthalene	13.634	162	367191	41.21	ng		96
48) 2-Nitroaniline	13.828	65	131747	45.72	ng	#	75
49) Acenaphthylene	14.480	152	580617	40.82	ng		99
50) Dimethylphthalate	14.204	163	520784	44.73	ng		98
51) 2,6-Dinitrotoluene	14.322	165	107037	48.30	ng	#	55
52) Acenaphthene	14.815	154	428380m	45.80	ng		
53) 3-Nitroaniline	14.651	138	72258	31.99	ng	#	71
54) 2,4-Dinitrophenol	14.851	184	126335	96.25	ng	#	67
55) Dibenzofuran	15.150	168	574176	40.03	ng	#	90
56) 4-Nitrophenol	14.945	139	185865	96.73	ng	#	39
57) 2,4-Dinitrotoluene	15.103	165	147962	44.94	ng	#	66
58) Fluorene	15.802	166	498443	41.55	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.374	232	162779	47.30	ng	#	95
60) Diethylphthalate	15.567	149	519911	46.10	ng		97
61) 4-Chlorophenyl-phenyle...	15.791	204	293538	42.58	ng		96
62) 4-Nitroaniline	15.814	138	110030	44.82	ng	#	40
63) Azobenzene	16.084	77	545379	39.68	ng		85
65) 4,6-Dinitro-2-methylph...	15.867	198	86407	44.29	ng		89
66) n-Nitrosodiphenylamine	16.002	169	456330	39.14	ng		96
67) 4-Bromophenyl-phenylether	16.690	248	177761	36.83	ng		95
68) Hexachlorobenzene	16.807	284	212638	40.40	ng		97
69) Atrazine	16.948	200	168474	40.02	ng		97
70) Pentachlorophenol	17.148	266	283607	90.10	ng		97
71) Phenanthrene	17.547	178	846705	40.02	ng		98
72) Anthracene	17.636	178	863198	41.10	ng		99
73) Carbazole	17.906	167	771852	39.71	ng		98
74) Di-n-butylphthalate	18.464	149	931138	46.85	ng	#	96
75) Fluoranthene	19.557	202	1171424	41.75	ng		96
77) Benzidine	19.727	184	329233	29.03	ng		100
78) Pyrene	19.915	202	1167960	40.08	ng		96
80) Butylbenzylphthalate	20.802	149	419562	43.93	ng	#	86
81) Benzo(a)anthracene	21.778	228	1198550	39.52	ng		99
82) 3,3'-Dichlorobenzidine	21.690	252	382978	37.40	ng	#	96
83) Chrysene	21.848	228	1163364	40.20	ng		99
84) Bis(2-ethylhexyl)phtha...	21.684	149	620217	46.58	ng		96
85) Di-n-octyl phthalate	22.941	149	1047816	44.72	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.964	276	1460468	48.79	ng	#	88
88) Benzo(b)fluoranthene	24.075	252	1286209	47.35	ng	#	97
89) Benzo(k)fluoranthene	24.146	252	1217374	46.70	ng	#	97
90) Benzo(a)pyrene	24.980	252	1153195	46.06	ng	#	96
91) Dibenzo(a,h)anthracene	29.040	278	1205812	47.24	ng	#	93
92) Benzo(g,h,i)perylene	30.168	276	1188933	48.03	ng	#	91

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

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