Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022021\
Data File : BP004840.D
Acq On : 20 Feb 2021 13:35
Operator : CG/JU
Sample : PB134716BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB134716BS

Manual Integrations APPROVED
mohammad
2/22/2021 2:11:36 PM

Quant Time: Feb 22 04:30:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	43074	20.00	ng	-0.01
21) Naphthalene-d8	10.546	136	177330	20.00	ng	#-0.01
39) Acenaphthene-d10	14.404	164	116486	20.00	ng	0.00
64) Phenanthrene-d10	17.157	188	258264	20.00	ng	0.00
76) Chrysene-d12	21.245	240	266318	20.00	ng	0.00
86) Perylene-d12	23.539	264	229752	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	373472	133.87	ng	0.00
7) Phenol-d6	6.940	99	490642	127.89	ng	0.00
23) Nitrobenzene-d5	8.916	82	261124	64.16	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	199421	128.86	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	631171	66.23	ng	0.00
79) Terphenyl-d14	19.722	244	979121	61.76	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	44186	37.01	ng	# 89
3) Pyridine	3.664	79	118789	39.30	ng	# 95
4) n-Nitrosodimethylamine	3.575	42	58329	46.37	ng	# 56
6) Aniline	7.087	93	158228	36.98	ng	# 86
8) 2-Chlorophenol	7.322	128	148191	50.84	ng	88
9) Benzaldehyde	6.899	77	50081	31.08	ng	86
10) Phenol	6.964	94	184303	49.63	ng	79
11) bis(2-Chloroethyl)ether	7.187	93	125463	44.18	ng	94
12) 1,3-Dichlorobenzene	7.640	146	157827	44.50	ng	# 92
13) 1,4-Dichlorobenzene	7.787	146	158381m	43.96	ng	
14) 1,2-Dichlorobenzene	8.105	146	152726	44.20	ng	96
15) Benzyl Alcohol	7.999	79	139661	48.48	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.287	45	105992	46.14	ng	97
17) 2-Methylphenol	8.205	107	126568	50.44	ng	# 91
18) Hexachloroethane	8.828	117	60832	45.06	ng	93
19) n-Nitroso-di-n-propyla...	8.563	70	104409	45.04	ng	# 88
20) 3+4-Methylphenols	8.534	107	173208	52.01	ng	93
22) Acetophenone	8.575	105	218442	42.38	ng	# 90
24) Nitrobenzene	8.958	77	164283	40.83	ng	# 83
25) Isophorone	9.481	82	289033	44.44	ng	# 91
26) 2-Nitrophenol	9.663	139	80941	50.79	ng	# 73
27) 2,4-Dimethylphenol	9.734	122	135657	54.73	ng	89
28) bis(2-Chloroethoxy)met...	9.963	93	171137	40.84	ng	98
29) 2,4-Dichlorophenol	10.199	162	145822	48.70	ng	96
30) 1,2,4-Trichlorobenzene	10.410	180	152714	41.28	ng	98
31) Naphthalene	10.599	128	441388	42.64	ng	99
32) Benzoic acid	9.887	122	99403	47.45	ng	# 76
33) 4-Chloroaniline	10.710	127	101919	24.00	ng	# 87
34) Hexachlorobutadiene	10.881	225	98564	39.67	ng	99
35) Caprolactam	11.510	113	47080m	49.75	ng	
36) 4-Chloro-3-methylphenol	11.852	107	168044	47.26	ng	88
37) 2-Methylnaphthalene	12.216	142	326290	44.32	ng	# 95
38) 1-Methylnaphthalene	12.434	142	303777m	43.59	ng	
40) 1,2,4,5-Tetrachloroben...	12.587	216	178756	42.71	ng	# 98
41) Hexachlorocyclopentadiene	12.563	237	227834	95.72	ng	99
43) 2,4,6-Trichlorophenol	12.834	196	124396	47.18	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	132624	47.86	ng	#	94
46) 1,1'-Biphenyl	13.234	154	417439	42.81	ng		99
47) 2-Chloronaphthalene	13.275	162	329912	41.28	ng		96
48) 2-Nitroaniline	13.487	65	100961	42.79	ng	#	66
49) Acenaphthylene	14.122	152	524727	44.44	ng		100
50) Dimethylphthalate	13.869	163	424468	41.43	ng		99
51) 2,6-Dinitrotoluene	13.987	165	95804	46.40	ng	#	69
52) Acenaphthene	14.469	154	314994	42.08	ng		97
53) 3-Nitroaniline	14.316	138	65147	30.34	ng	#	74
54) 2,4-Dinitrophenol	14.522	184	126279	106.17	ng	#	82
55) Dibenzofuran	14.804	168	507003	43.07	ng		96
56) 4-Nitrophenol	14.645	139	164955	97.91	ng	#	58
57) 2,4-Dinitrotoluene	14.775	165	133658	47.25	ng	#	69
58) Fluorene	15.457	166	423622	43.80	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	123479	46.84	ng		98
60) Diethylphthalate	15.234	149	437012	42.55	ng		99
61) 4-Chlorophenyl-phenyle...	15.451	204	226334	42.15	ng		98
62) 4-Nitroaniline	15.487	138	96931	41.33	ng	#	69
63) Azobenzene	15.745	77	395425	40.99	ng		86
65) 4,6-Dinitro-2-methylph...	15.540	198	86004	54.50	ng		85
66) n-Nitrosodiphenylamine	15.669	169	371589	44.25	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	138939	41.78	ng		96
68) Hexachlorobenzene	16.463	284	152077	41.98	ng		98
69) Atrazine	16.628	200	118881	43.15	ng		97
70) Pentachlorophenol	16.810	266	204326	100.78	ng		98
71) Phenanthrene	17.204	178	653361	41.32	ng		99
72) Anthracene	17.292	178	674116	44.33	ng		100
73) Carbazole	17.569	167	608979	43.65	ng		99
74) Di-n-butylphthalate	18.122	149	744723	43.51	ng	#	98
75) Fluoranthene	19.175	202	800011	42.46	ng		98
77) Benzidine	19.357	184	287313	55.39	ng		98
78) Pyrene	19.528	202	807105	42.97	ng		98
80) Butylbenzylphthalate	20.398	149	335738	45.49	ng	#	84
81) Benzo(a)anthracene	21.227	228	788350	41.74	ng		98
82) 3,3'-Dichlorobenzidine	21.163	252	261004	43.60	ng		97
83) Chrysene	21.280	228	765171	41.83	ng		99
84) Bis(2-ethylhexyl)phtha...	21.151	149	494990	44.43	ng		100
85) Di-n-octyl phthalate	22.039	149	826098	45.72	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.910	276	899390	49.03	ng		96
88) Benzo(b)fluoranthene	22.845	252	819498	48.70	ng		98
89) Benzo(k)fluoranthene	22.892	252	765098	47.36	ng		98
90) Benzo(a)pyrene	23.439	252	715093	47.02	ng		98
91) Dibenzo(a,h)anthracene	25.921	278	764165	49.93	ng	#	95
92) Benzo(g,h,i)perylene	26.633	276	736801	50.18	ng		96

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

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