Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061121\
Data File : BP005877.D
Acq On : 11 Jun 2021 18:39
Operator : CG/JU
Sample : M2612-21MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B12(6-10)MSD

Quant Time: Jun 11 23:09:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 13:53:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	68445	20.00	ng	0.00
21) Naphthalene-d8	10.752	136	282461	20.00	ng	0.00
39) Acenaphthene-d10	14.575	164	183996	20.00	ng	0.00
64) Phenanthrene-d10	17.316	188	386643	20.00	ng	0.00
76) Chrysene-d12	21.386	240	447676	20.00	ng	0.00
86) Perylene-d12	23.804	264	502801	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	384016	90.03	ng	0.00
7) Phenol-d6	7.116	99	421191	76.18	ng	0.00
23) Nitrobenzene-d5	9.110	82	384428	66.73	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	262584	83.16	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1188410	84.81	ng	0.00
79) Terphenyl-d14	19.863	244	2085770	87.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	74448	38.63	ng	# 56
3) Pyridine	3.799	79	147773	32.63	ng	98
4) n-Nitrosodimethylamine	3.699	42	93709	44.51	ng	99
6) Aniline	7.275	93	335426	54.34	ng	99
8) 2-Chlorophenol	7.511	128	170549	34.87	ng	98
9) Benzaldehyde	7.087	77	106530m	45.20	ng	
10) Phenol	7.140	94	174176	31.54	ng	98
11) bis(2-Chloroethyl)ether	7.369	93	213160	50.93	ng	98
12) 1,3-Dichlorobenzene	7.834	146	236380	43.22	ng	99
13) 1,4-Dichlorobenzene	7.981	146	244865	43.91	ng	100
14) 1,2-Dichlorobenzene	8.299	146	237650	44.58	ng	98
15) Benzyl Alcohol	8.193	79	257948	61.94	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	173952	44.96	ng	95
17) 2-Methylphenol	8.393	107	147183	39.11	ng	97
18) Hexachloroethane	9.028	117	87387	43.32	ng	95
19) n-Nitroso-di-n-propyla...	8.758	70	180301	53.01	ng	96
20) 3+4-Methylphenols	8.722	107	183652	36.13	ng	99
22) Acetophenone	8.775	105	365499	49.16	ng	98
24) Nitrobenzene	9.152	77	206924	34.59	ng	98
25) Isophorone	9.681	82	479160	45.04	ng	98
26) 2-Nitrophenol	9.863	139	81149	28.43	ng	99
27) 2,4-Dimethylphenol	9.928	122	185434	43.60	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	289855	52.20	ng	99
29) 2,4-Dichlorophenol	10.404	162	162132	31.72	ng	98
30) 1,2,4-Trichlorobenzene	10.616	180	243125	42.34	ng	97
31) Naphthalene	10.804	128	736404	45.06	ng	99
33) 4-Chloroaniline	10.910	127	296491	44.91	ng	99
34) Hexachlorobutadiene	11.087	225	157466	40.54	ng	98
35) Caprolactam	11.704	113	58948	40.04	ng	94
36) 4-Chloro-3-methylphenol	12.040	107	166543	32.09	ng	96
37) 2-Methylnaphthalene	12.410	142	560312	48.15	ng	100
38) 1-Methylnaphthalene	12.628	142	519864	47.43	ng	98
40) 1,2,4,5-Tetrachloroben...	12.775	216	298929	46.16	ng	99
41) Hexachlorocyclopentadiene	12.757	237	252237	77.68	ng	95
43) 2,4,6-Trichlorophenol	13.016	196	131094	29.51	ng	96
44) 2,4,5-Trichlorophenol	13.087	196	142771	29.84	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.410	154	714360	48.15	ng	100
47) 2-Chloronaphthalene	13.457	162	566919	46.80	ng	99
48) 2-Nitroaniline	13.657	65	105067	32.99	ng	99
49) Acenaphthylene	14.298	152	899683	48.41	ng	100
50) Dimethylphthalate	14.034	163	558031	36.89	ng	100
51) 2,6-Dinitrotoluene	14.151	165	109872	31.95	ng	97
52) Acenaphthene	14.634	154	534586	47.37	ng	99
53) 3-Nitroaniline	14.481	138	112495	33.76	ng	99
54) 2,4-Dinitrophenol	14.704	184	9324	9.13	ng	100
55) Dibenzofuran	14.969	168	864075	46.55	ng	97
56) 4-Nitrophenol	14.792	139	107862	39.93	ng	92
57) 2,4-Dinitrotoluene	14.940	165	140359	30.52	ng	99
58) Fluorene	15.616	166	688708	47.62	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	115945m	27.50	ng	
60) Diethylphthalate	15.392	149	570634	37.60	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	356653	47.56	ng	97
62) 4-Nitroaniline	15.639	138	101007	29.45	ng	98
63) Azobenzene	15.904	77	645240	46.99	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	16649	5.86	ng	96
66) n-Nitrosodiphenylamine	15.828	169	619032	48.28	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	235862	47.53	ng	95
68) Hexachlorobenzene	16.622	284	280001	47.07	ng	99
69) Atrazine	16.775	200	147570	36.99	ng	98
70) Pentachlorophenol	16.969	266	149468	45.19	ng	98
71) Phenanthrene	17.363	178	1121883	48.32	ng	100
72) Anthracene	17.451	178	1140021	49.89	ng	100
73) Carbazole	17.722	167	1054575	48.07	ng	100
74) Di-n-butylphthalate	18.269	149	974828	38.35	ng	99
75) Fluoranthene	19.322	202	1375750	48.79	ng	99
77) Benzidine	19.498	184	805507	86.47	ng	100
78) Pyrene	19.669	202	1417507	45.36	ng	99
80) Butylbenzylphthalate	20.533	149	444747	34.59	ng	99
81) Benzo(a)anthracene	21.374	228	1512133	46.79	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	484428	43.36	ng	99
83) Chrysene	21.427	228	1489840	47.60	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	719473	38.15	ng	98
85) Di-n-octyl phthalate	22.216	149	1226081	36.35	ng	99
87) Indeno(1,2,3-cd)pyrene	26.357	276	2124478	49.41	ng	99
88) Benzo(b)fluoranthene	23.069	252	1743313	50.62	ng	100
89) Benzo(k)fluoranthene	23.116	252	1656750	49.61	ng	100
90) Benzo(a)pyrene	23.704	252	1675073	51.74	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	1829109	49.43	ng	99
92) Benzo(g,h,i)perylene	27.139	276	1790621	48.98	ng	99

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

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