Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061121\
Data File : BP005879.D
Acq On : 11 Jun 2021 19:47
Operator : CG/JU
Sample : M2625-19MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B12(210-214)MS

Quant Time: Jun 11 23:28:30 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	68508	20.00	ng		0.00
21) Naphthalene-d8	10.751	136	260375	20.00	ng		0.00
39) Acenaphthene-d10	14.569	164	156850	20.00	ng		0.00
64) Phenanthrene-d10	17.316	188	321230	20.00	ng		0.00
76) Chrysene-d12	21.386	240	379892	20.00	ng		0.00
86) Perylene-d12	23.804	264	456074	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	181655	42.55	ng		0.00
7) Phenol-d6	7.111	99	265256	47.93	ng		0.00
23) Nitrobenzene-d5	9.110	82	226966	42.74	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	42848	15.92	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	724613	60.66	ng		0.00
79) Terphenyl-d14	19.863	244	1071667	52.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	71051	36.84	ng		99
3) Pyridine	3.793	79	190492	42.02	ng		97
4) n-Nitrosodimethylamine	3.699	42	85234	40.45	ng		93
6) Aniline	7.269	93	175380	28.39	ng		99
8) 2-Chlorophenol	7.510	128	90581	18.50	ng		98
9) Benzaldehyde	7.081	77	107159m	45.42	ng		
10) Phenol	7.134	94	125551	22.71	ng		99
11) bis(2-Chloroethyl)ether	7.369	93	186546	44.53	ng		98
12) 1,3-Dichlorobenzene	7.834	146	237727	43.43	ng		100
13) 1,4-Dichlorobenzene	7.981	146	242189	43.39	ng		98
14) 1,2-Dichlorobenzene	8.299	146	230177	43.14	ng		97
15) Benzyl Alcohol	8.187	79	200545	48.11	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.481	45	154040	39.78	ng		93
17) 2-Methylphenol	8.393	107	96254	25.56	ng		96
18) Hexachloroethane	9.028	117	83342	41.28	ng		97
19) n-Nitroso-di-n-propyla...	8.757	70	143765	42.23	ng		96
20) 3+4-Methylphenols	8.722	107	117237	23.04	ng		96
22) Acetophenone	8.769	105	296936	43.33	ng	#	98
24) Nitrobenzene	9.152	77	155302	28.16	ng		97
25) Isophorone	9.681	82	434352	44.29	ng		98
26) 2-Nitrophenol	9.869	139	15603	5.93	ng		95
27) 2,4-Dimethylphenol	9.928	122	123380	31.47	ng		98
28) bis(2-Chloroethoxy)met...	10.157	93	235798	46.07	ng		99
29) 2,4-Dichlorophenol	10.404	162	68266	14.49	ng		99
30) 1,2,4-Trichlorobenzene	10.616	180	219618	41.49	ng		96
31) Naphthalene	10.799	128	629677	41.80	ng		99
33) 4-Chloroaniline	10.910	127	160983	26.45	ng		99
34) Hexachlorobutadiene	11.087	225	147202	41.11	ng		99
35) Caprolactam	11.693	113	64007	47.17	ng		96
36) 4-Chloro-3-methylphenol	12.046	107	91619	19.15	ng		98
37) 2-Methylnaphthalene	12.404	142	459248	42.82	ng		98
38) 1-Methylnaphthalene	12.628	142	417454	41.32	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	245118	44.40	ng		99
41) Hexachlorocyclopentadiene	12.751	237	158407	58.68	ng		97
43) 2,4,6-Trichlorophenol	13.016	196	39110	10.33	ng		94
44) 2,4,5-Trichlorophenol	13.087	196	49395	12.11	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.410	154	556174	43.98	ng		100
47)	2-Chloronaphthalene	13.451	162	447930	43.38	ng		98
48)	2-Nitroaniline	13.657	65	58895	21.69	ng		97
49)	Acenaphthylene	14.292	152	696410	43.96	ng		99
50)	Dimethylphthalate	14.028	163	383992	29.78	ng		100
51)	2,6-Dinitrotoluene	14.151	165	65041	22.19	ng		98
52)	Acenaphthene	14.634	154	409462	42.56	ng		99
53)	3-Nitroaniline	14.475	138	58184	20.48	ng		98
55)	Dibenzofuran	14.969	168	663408	41.93	ng		97
57)	2,4-Dinitrotoluene	14.934	165	70719	18.04	ng		96
58)	Fluorene	15.616	166	525552	42.63	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.204	232	24514	6.82	ng	#	98
60)	Diethylphthalate	15.387	149	405789	31.36	ng		100
61)	4-Chlorophenyl-phenyle...	15.610	204	272520	42.63	ng		96
62)	4-Nitroaniline	15.639	138	53638	18.34	ng		96
63)	Azobenzene	15.904	77	487567	41.65	ng		96
66)	n-Nitrosodiphenylamine	15.822	169	466912	43.83	ng		98
67)	4-Bromophenyl-phenylether	16.504	248	179549	43.55	ng		97
68)	Hexachlorobenzene	16.622	284	211124	42.72	ng		98
69)	Atrazine	16.775	200	85070	25.67	ng		98
70)	Pentachlorophenol	16.981	266	7585m	2.76	ng		
71)	Phenanthrene	17.357	178	840962	43.59	ng		99
72)	Anthracene	17.451	178	854229	44.99	ng		100
73)	Carbazole	17.722	167	779281	42.75	ng		100
74)	Di-n-butylphthalate	18.263	149	638398	30.23	ng		99
75)	Fluoranthene	19.316	202	1010331	43.13	ng		98
77)	Benzidine	19.492	184	563388	71.27	ng		98
78)	Pyrene	19.669	202	1050313	39.60	ng		99
80)	Butylbenzylphthalate	20.533	149	251786	23.08	ng		98
81)	Benzo(a)anthracene	21.369	228	1143600	41.70	ng		100
82)	3,3'-Dichlorobenzidine	21.304	252	299514	31.59	ng		98
83)	Chrysene	21.427	228	1129800	42.54	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.292	149	461620	28.85	ng		99
85)	Di-n-octyl phthalate	22.216	149	752628	26.29	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.351	276	1764608	45.24	ng		99
88)	Benzo(b)fluoranthene	23.068	252	1366277	43.74	ng		100
89)	Benzo(k)fluoranthene	23.116	252	1283514	42.37	ng		99
90)	Benzo(a)pyrene	23.698	252	1333402	45.40	ng		98
91)	Dibenzo(a,h)anthracene	26.368	278	1506622	44.88	ng		98
92)	Benzo(g,h,i)perylene	27.139	276	1502248	45.30	ng		99

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

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