Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP091120\
Data File : BP003253.D
Acq On : 11 Sep 2020 10:17
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DFTPP

Quant Time: Sep 11 11:07:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	99	20.00	ng		0.01
21) Naphthalene-d8	10.44	136	52	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	150	20.00	ng		0.01
64) Phenanthrene-d10	17.05	188	610	20.00	ng		0.00
76) Chrysene-d12	21.15	240	2604	20.00	ng		0.00
86) Perylene-d12	23.39	264	1423	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	48	8.57	ng		0.00
7) Phenol-d6	6.85	99	56	7.98	ng		0.02
23) Nitrobenzene-d5	8.79	82	80	110.91	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	200	98.58	ng		0.02
45) 2-Fluorobiphenyl	13.06	172	73	7.13	ng		0.14
79) Terphenyl-d14	19.62	244	8018	67.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	103	48.115	ng	#	1
3) Pyridine	3.60	79	256	45.440	ng	#	36
4) n-Nitrosodimethylamine	3.48	42	115	78.169	ng	#	1
6) Aniline	6.99	93	36	4.711	ng	#	36
8) 2-Chlorophenol	7.25	128	154	24.670	ng		85
9) Benzaldehyde	6.81	77	65	19.862	ng	#	28
10) Phenol	6.83	94	98	15.065	ng		72
11) bis(2-Chloroethyl)ether	7.12	93	79	15.344	ng	#	18
12) 1,3-Dichlorobenzene	7.56	146	65	8.564	ng	#	23
13) 1,4-Dichlorobenzene	7.70	146	21	2.741	ng	#	13
14) 1,2-Dichlorobenzene	8.02	146	36	4.955	ng	#	7
15) Benzyl Alcohol	7.89	79	175	44.249	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	8.20	45	64	14.668	ng	#	6
17) 2-Methylphenol	8.13	107	146	31.506	ng	#	1
18) Hexachloroethane	8.73	117	47	18.749	ng	#	31
19) n-Nitroso-di-n-propylamine	8.49	70	224	70.632	ng	#	1
20) 3+4-Methylphenols	8.44	107	64	10.250	ng	#	11
22) Acetophenone	8.48	105	113	97.579	ng	#	1
24) Nitrobenzene	8.84	77	62	87.512	ng	#	89
25) Isophorone	9.38	82	151	118.647	ng	#	1
26) 2-Nitrophenol	9.54	139	24	56.836	ng	#	1
27) 2,4-Dimethylphenol	9.48	122	103	162.258	ng		93
28) bis(2-Chloroethoxy)methane	9.85	93	150	158.241	ng	#	1
29) 2,4-Dichlorophenol	10.09	162	36	45.711	ng	#	1
30) 1,2,4-Trichlorobenzene	10.31	180	30	31.993	ng	#	68
31) Naphthalene	10.48	128	115	43.045	ng	#	49
32) Benzoic acid	9.78	122	36	68.565	ng	#	11
33) 4-Chloroaniline	10.60	127	47	42.105	ng	#	1
34) Hexachlorobutadiene	10.83	225	28	49.753	ng		91
35) Caprolactam	11.35	113	70	295.773	ng	#	1
36) 4-Chloro-3-methylphenol	11.73	107	139	189.028	ng	#	56
37) 2-Methylnaphthalene	12.11	142	67	35.058	ng	#	1
38) 1-Methylnaphthalene	12.32	142	114	62.758	ng	#	64
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	13	2.924	ng	#	46

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	13	6.186 ng	#	22
43) 2,4,6-Trichlorophenol	12.74	196	37	12.657 ng	#	55
44) 2,4,5-Trichlorophenol	12.83	196	22	7.115 ng	#	1
46) 1,1'-Biphenyl	13.12	154	38	3.377 ng		87
47) 2-Chloronaphthalene	13.17	162	39	4.235 ng	#	42
48) 2-Nitroaniline	13.40	65	123	71.330 ng	#	14
49) Acenaphthylene	14.02	152	266	19.101 ng	#	77
50) Dimethylphthalate	13.76	163	195	17.047 ng	#	33
51) 2,6-Dinitrotoluene	13.87	165	106	44.587 ng	#	25
52) Acenaphthene	14.39	154	178	20.805 ng	#	1
53) 3-Nitroaniline	14.21	138	92	34.156 ng	#	48
54) 2,4-Dinitrophenol	14.43	184	114	87.027 ng	#	63
55) Dibenzofuran	14.70	168	126	9.378 ng	#	40
56) 4-Nitrophenol	14.63	139	185	95.470 ng		93
57) 2,4-Dinitrotoluene	14.66	165	53	16.580 ng	#	38
58) Fluorene	15.36	166	160	15.458 ng	#	21
59) 2,3,4,6-Tetrachlorophenol	14.95	232	2538	907.193 ng	#	96
60) Diethylphthalate	15.13	149	1274	113.522 ng	#	93
61) 4-Chlorophenyl-phenylether	15.33	204	120	22.451 ng	#	70
62) 4-Nitroaniline	15.45	138	69	24.921 ng		98
63) Azobenzene	15.67	77	185	24.838 ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.45	198	37	12.683 ng	#	1
66) n-Nitrosodiphenylamine	15.57	169	193	10.820 ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	17	2.525 ng		92
68) Hexachlorobenzene	16.37	284	68	8.484 ng	#	1
69) Atrazine	16.71	200	26833	4460.407 ng	#	37
70) Pentachlorophenol	16.71	266	151033	39404.883 ng		99
71) Phenanthrene	17.09	178	632	19.120 ng	#	45
72) Anthracene	17.19	178	607	19.188 ng	#	78
73) Carbazole	17.46	167	1436	47.299 ng		96
74) Di-n-butylphthalate	18.03	149	2741	76.801 ng	#	92
75) Fluoranthene	19.08	202	2317	60.651 ng		74
77) Benzidine	19.25	184	499589	8394.436 ng		99
78) Pyrene	19.43	202	3120	18.461 ng	#	91
80) Butylbenzylphthalate	20.30	149	1645	23.640 ng	#	69
81) Benzo(a)anthracene	21.13	228	4309	26.418 ng	#	88
82) 3,3'-Dichlorobenzidine	21.07	252	301	5.017 ng	#	52
83) Chrysene	21.18	228	4187	26.810 ng	#	89
84) Bis(2-ethylhexyl)phthalate	21.07	149	3421	34.042 ng	#	68
85) Di-n-octyl phthalate	21.93	149	2670	15.497 ng	#	84
87) Indeno(1,2,3-cd)pyrene	25.67	276	473	4.457 ng	#	1
88) Benzo(b)fluoranthene	22.72	252	2997	33.886 ng	#	1
89) Benzo(k)fluoranthene	22.76	252	2893	34.235 ng	#	8
90) Benzo(a)pyrene	23.29	252	2334	28.445 ng	#	1
91) Dibenzo(a,h)anthracene	25.68	278	1075	12.332 ng	#	1
92) Benzo(g,h,i)perylene	26.37	276	508	5.807 ng	#	1

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

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