Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007975.D
Acq On : 13 Nov 2021 19:37
Operator : CG/JU
Sample : SP5754
Misc : 8270 SURROGATE
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP5754

Quant Time: Nov 15 05:47:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 05:36:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	140160	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	506775	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	357113	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	822285	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	849811	20.000	ng	# 0.00
86) Perylene-d12	23.733	264	821693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1403663	162.461	ng	0.00
7) Phenol-d6	7.022	99	1693802	147.362	ng	0.00
23) Nitrobenzene-d5	8.998	82	956020	100.952	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	911657	162.253	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2482298	97.503	ng	0.00
79) Terphenyl-d14	19.804	244	4374255	104.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	96	0.026	ng	# 23
3) Pyridine	3.740	79	153	0.015	ng	# 54
4) n-Nitrosodimethylamine	3.628	42	176	0.046	ng	# 1
6) Aniline	6.910	93	18	0.001	ng	91
8) 2-Chlorophenol	7.522	128	43	0.005	ng	79
10) Phenol	6.957	94	38	0.003	ng	96
11) bis(2-Chloroethyl)ether	7.299	93	98	0.011	ng	# 56
12) 1,3-Dichlorobenzene	7.722	146	19	0.002	ng	# 1
13) 1,4-Dichlorobenzene	7.916	146	29	0.003	ng	87
14) 1,2-Dichlorobenzene	8.181	146	14	0.001	ng	91
15) Benzyl Alcohol	7.969	79	124	0.014	ng	# 21
17) 2-Methylphenol	8.281	107	20	0.003	ng	# 1
18) Hexachloroethane	8.963	117	9	0.003	ng	96
19) n-Nitroso-di-n-propyla...	8.657	70	12	0.002	ng	# 1
20) 3+4-Methylphenols	8.628	107	48	0.005	ng	# 1
22) Acetophenone	8.651	105	38	0.003	ng	# 1
24) Nitrobenzene	9.046	77	144	0.016	ng	# 47
25) Isophorone	9.698	82	70	0.004	ng	98
26) 2-Nitrophenol	9.775	139	24	0.005	ng	# 1
27) 2,4-Dimethylphenol	9.834	122	12	0.002	ng	# 1
28) bis(2-Chloroethoxy)met...	9.934	93	69	0.006	ng	96
29) 2,4-Dichlorophenol	10.198	162	22	0.003	ng	78
30) 1,2,4-Trichlorobenzene	10.728	180	11	0.001	ng	92
31) Naphthalene	10.710	128	114	0.004	ng	# 80
32) Benzoic acid	10.016	122	130	0.022	ng	# 5
33) 4-Chloroaniline	10.816	127	18	0.002	ng	# 70
34) Hexachlorobutadiene	11.057	225	28	0.004	ng	95
35) Caprolactam	11.592	113	8	0.004	ng	# 46
36) 4-Chloro-3-methylphenol	11.928	107	11	0.001	ng	# 63
37) 2-Methylnaphthalene	12.322	142	25	0.001	ng	# 52
38) 1-Methylnaphthalene	12.528	142	25	0.001	ng	# 43
40) 1,2,4,5-Tetrachloroben...	12.663	216	30	0.003	ng	# 1
43) 2,4,6-Trichlorophenol	12.910	196	10	0.001	ng	# 75
44) 2,4,5-Trichlorophenol	12.975	196	43	0.005	ng	# 43
46) 1,1'-Biphenyl	13.104	154	5360	0.201	ng	# 1
47) 2-Chloronaphthalene	13.328	162	7	0.000	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	13.592	65	80	0.014	ng	#	25
49) Acenaphthylene	14.204	152	116	0.004	ng	#	88
50) Dimethylphthalate	13.981	163	18	0.001	ng	#	4
51) 2,6-Dinitrotoluene	14.045	165	81	0.014	ng	#	50
52) Acenaphthene	14.481	154	1448	0.076	ng	#	7
53) 3-Nitroaniline	14.392	138	4	0.001	ng	#	1
54) 2,4-Dinitrophenol	14.592	184	41	0.012	ng	#	53
55) Dibenzofuran	14.875	168	24	0.001	ng	#	1
56) 4-Nitrophenol	14.804	139	14	0.003	ng		83
57) 2,4-Dinitrotoluene	14.851	165	54	0.007	ng	#	46
58) Fluorene	15.545	166	27	0.001	ng	#	1
59) 2,3,4,6-Tetrachlorophenol	15.116	232	23	0.003	ng	#	38
60) Diethylphthalate	15.316	149	392	0.014	ng	#	79
61) 4-Chlorophenyl-phenyle...	15.533	204	14	0.001	ng	#	28
62) 4-Nitroaniline	15.545	138	19	0.003	ng		85
63) Azobenzene	15.633	77	162	0.007	ng		79
65) 4,6-Dinitro-2-methylph...	15.628	198	32	0.006	ng	#	1
66) n-Nitrosodiphenylamine	15.975	169	26497	1.126	ng	#	50
67) 4-Bromophenyl-phenylether	16.433	248	31	0.003	ng		91
68) Hexachlorobenzene	16.522	284	32	0.003	ng	#	39
69) Atrazine	16.633	200	17	0.003	ng		88
70) Pentachlorophenol	16.875	266	30	0.005	ng	#	1
71) Phenanthrene	17.274	178	241	0.006	ng	#	45
72) Anthracene	17.386	178	201	0.005	ng	#	62
73) Carbazole	17.663	167	206	0.005	ng	#	57
74) Di-n-butylphthalate	17.945	149	91	0.002	ng		98
75) Fluoranthene	19.263	202	374	0.007	ng		88
77) Benzidine	19.445	184	2590	0.199	ng	#	92
78) Pyrene	19.804	202	16939	0.333	ng	#	69
80) Butylbenzylphthalate	20.504	149	300	0.014	ng	#	55
81) Benzo(a)anthracene	21.327	228	3334	0.060	ng	#	77
82) 3,3'-Dichlorobenzidine	21.262	252	1474	0.057	ng	#	85
83) Chrysene	21.363	228	1089	0.020	ng	#	85
84) Bis(2-ethylhexyl)phtha...	21.239	149	444	0.015	ng	#	80
85) Di-n-octyl phthalate	22.180	149	614	0.011	ng	#	1
87) Indeno(1,2,3-cd)pyrene	26.250	276	170	0.003	ng	#	1
88) Benzo(b)fluoranthene	23.004	252	1803	0.037	ng	#	7
89) Benzo(k)fluoranthene	23.057	252	1620	0.033	ng	#	1
90) Benzo(a)pyrene	23.609	252	369	0.009	ng	#	15
91) Dibenzo(a,h)anthracene	26.274	278	1329	0.027	ng	#	57
92) Benzo(g,h,i)perylene	27.027	276	1280	0.026	ng	#	86

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

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