Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007976.D
Acq On : 13 Nov 2021 20:11
Operator : CG/JU
Sample : SP5755
Misc : 625 SURROGATE
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP5755

Quant Time: Nov 15 05:48:39 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	117265	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	427408	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	308658	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	733199	20.000	ng	# 0.00
76) Chrysene-d12	21.328	240	864415	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	953021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	847741	117.275	ng	0.00
7) Phenol-d6	7.017	99	1030280	107.135	ng	0.00
23) Nitrobenzene-d5	8.999	82	823219	103.071	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	539400	111.071	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2163452	98.320	ng	0.00
79) Terphenyl-d14	19.804	244	4218456	98.955	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	75	0.025	ng	# 1
3) Pyridine	3.734	79	96	0.011	ng	# 52
4) n-Nitrosodimethylamine	3.646	42	114	0.035	ng	# 1
6) Aniline	7.164	93	125	0.012	ng	# 68
8) 2-Chlorophenol	7.499	128	48	0.006	ng	84
10) Phenol	7.022	94	365	0.039	ng	# 1
11) bis(2-Chloroethyl)ether	7.364	93	104	0.014	ng	82
12) 1,3-Dichlorobenzene	7.711	146	24	0.003	ng	# 1
13) 1,4-Dichlorobenzene	7.869	146	15	0.002	ng	# 1
14) 1,2-Dichlorobenzene	8.187	146	6	0.001	ng	# 48
15) Benzyl Alcohol	8.087	79	105	0.014	ng	# 20
17) 2-Methylphenol	8.287	107	56	0.009	ng	# 5
18) Hexachloroethane	8.934	117	22	0.007	ng	# 59
19) n-Nitroso-di-n-propyla...	8.669	70	46	0.008	ng	# 25
20) 3+4-Methylphenols	8.611	107	37	0.004	ng	# 1
22) Acetophenone	8.669	105	55	0.005	ng	# 1
24) Nitrobenzene	8.999	77	2952	0.387	ng	# 43
25) Isophorone	9.587	82	25	0.002	ng	# 28
26) 2-Nitrophenol	9.999	139	26	0.007	ng	95
27) 2,4-Dimethylphenol	9.828	122	13	0.002	ng	# 16
28) bis(2-Chloroethoxy)met...	10.058	93	14	0.002	ng	# 85
29) 2,4-Dichlorophenol	10.287	162	35	0.005	ng	85
30) 1,2,4-Trichlorobenzene	10.528	180	19	0.002	ng	# 38
31) Naphthalene	10.710	128	23	0.001	ng	# 1
32) Benzoic acid	9.975	122	44	0.009	ng	# 1
33) 4-Chloroaniline	10.805	127	4	0.000	ng	# 1
34) Hexachlorobutadiene	10.981	225	14	0.003	ng	# 44
35) Caprolactam	11.628	113	27	0.017	ng	# 66
36) 4-Chloro-3-methylphenol	11.934	107	11	0.001	ng	# 20
37) 2-Methylnaphthalene	12.304	142	28	0.002	ng	# 1
38) 1-Methylnaphthalene	12.522	142	33	0.002	ng	# 4
40) 1,2,4,5-Tetrachloroben...	12.675	216	18	0.002	ng	# 1
43) 2,4,6-Trichlorophenol	12.910	196	6	0.001	ng	# 33
44) 2,4,5-Trichlorophenol	12.987	196	14	0.002	ng	# 56
46) 1,1'-Biphenyl	13.104	154	4430	0.192	ng	# 1
47) 2-Chloronaphthalene	13.346	162	9	0.000	ng	# 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	13.569	65	28	0.005	ng	#	25
49) Acenaphthylene	14.216	152	94	0.003	ng	#	85
50) Dimethylphthalate	13.946	163	125	0.005	ng	#	64
51) 2,6-Dinitrotoluene	14.057	165	80	0.016	ng	#	63
52) Acenaphthene	14.475	154	1148	0.070	ng	#	8
53) 3-Nitroaniline	14.404	138	20	0.004	ng	#	58
54) 2,4-Dinitrophenol	14.587	184	19	0.006	ng	#	83
55) Dibenzofuran	14.857	168	20	0.001	ng	#	43
56) 4-Nitrophenol	14.551	139	11	0.003	ng		94
57) 2,4-Dinitrotoluene	14.846	165	61	0.009	ng	#	42
58) Fluorene	15.540	166	50	0.002	ng	#	30
59) 2,3,4,6-Tetrachlorophenol	15.098	232	16	0.002	ng	#	1
60) Diethylphthalate	15.304	149	138	0.006	ng	#	7
61) 4-Chlorophenyl-phenyle...	15.528	204	6	0.000	ng	#	1
62) 4-Nitroaniline	15.545	138	8	0.002	ng	#	50
63) Azobenzene	15.816	77	186	0.009	ng		72
65) 4,6-Dinitro-2-methylph...	15.622	198	23	0.005	ng	#	75
66) n-Nitrosodiphenylamine	15.975	169	16262	0.775	ng	#	47
67) 4-Bromophenyl-phenylether	16.422	248	16	0.002	ng	#	1
68) Hexachlorobenzene	16.545	284	19	0.002	ng	#	1
69) Atrazine	16.440	200	16	0.003	ng		88
70) Pentachlorophenol	16.951	266	64	0.011	ng		90
71) Phenanthrene	17.281	178	295	0.008	ng	#	60
72) Anthracene	17.363	178	164	0.004	ng	#	85
73) Carbazole	17.675	167	126	0.003	ng	#	80
74) Di-n-butylphthalate	18.210	149	459	0.011	ng	#	83
75) Fluoranthene	19.257	202	353	0.007	ng		80
77) Benzidine	19.457	184	1009	0.076	ng	#	82
78) Pyrene	19.804	202	16735	0.324	ng	#	78
80) Butylbenzylphthalate	20.486	149	89	0.004	ng	#	43
81) Benzo(a)anthracene	21.328	228	2991	0.053	ng	#	78
82) 3,3'-Dichlorobenzidine	21.233	252	187	0.007	ng	#	44
83) Chrysene	21.363	228	839	0.015	ng	#	88
84) Bis(2-ethylhexyl)phtha...	21.239	149	222	0.007	ng	#	74
85) Di-n-octyl phthalate	22.169	149	411	0.007	ng	#	31
87) Indeno(1,2,3-cd)pyrene	26.257	276	656	0.010	ng	#	68
88) Benzo(b)fluoranthene	23.004	252	2048	0.036	ng	#	8
89) Benzo(k)fluoranthene	23.045	252	1938	0.034	ng	#	17
90) Benzo(a)pyrene	23.627	252	325	0.007	ng	#	1
91) Dibenzo(a,h)anthracene	26.268	278	796	0.014	ng	#	28
92) Benzo(g,h,i)perylene	27.033	276	105	0.002	ng	#	33

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

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