Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
Data File : BP003657.D
Acq On : 17 Oct 2020 03:10
Operator : CG/JU
Sample : L4406-08MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JC-02-101420-AMS

Quant Time: Oct 17 04:23:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 12:46:19 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.540	152	96324	20.00	ng		0.00
21) Naphthalene-d8	11.387	136	385621	20.00	ng	#	0.00
39) Acenaphthene-d10	15.139	164	290316	20.00	ng		0.00
64) Phenanthrene-d10	17.851	188	708137	20.00	ng		0.00
76) Chrysene-d12	21.863	240	763912	20.00	ng	#	0.00
86) Perylene-d12	24.427	264	745905	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.034	112	715419	127.69	ng		0.00
7) Phenol-d6	7.693	99	935747	114.65	ng		0.01
23) Nitrobenzene-d5	9.710	82	829165	99.69	ng		0.00
42) 2,4,6-Tribromophenol	16.610	330	686531	177.37	ng		0.00
45) 2-Fluorobiphenyl	13.769	172	1936596	87.52	ng		0.00
79) Terphenyl-d14	20.316	244	3865100	91.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.699	88	70078	29.20	ng	#	42
3) Pyridine	4.152	79	215865	30.87	ng		91
4) n-Nitrosodimethylamine	4.028	42	120526	40.10	ng	#	53
6) Aniline	7.840	93	284671	29.80	ng	#	87
8) 2-Chlorophenol	8.104	128	288561	50.66	ng	#	81
9) Benzaldehyde	7.634	77	129858	29.22	ng	#	76
10) Phenol	7.716	94	352443	44.72	ng		74
11) bis(2-Chloroethyl)ether	7.922	93	285815	45.17	ng		90
12) 1,3-Dichlorobenzene	8.434	146	278379	37.59	ng	#	90
13) 1,4-Dichlorobenzene	8.575	146	289818	39.01	ng	#	94
14) 1,2-Dichlorobenzene	8.910	146	282390	39.62	ng	#	93
15) Benzyl Alcohol	8.769	79	344419	52.54	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	9.063	45	270782	41.80	ng		98
17) 2-Methylphenol	8.993	107	274705	51.44	ng	#	88
18) Hexachloroethane	9.669	117	107407	37.18	ng		96
19) n-Nitroso-di-n-propyla...	9.346	70	269619	49.56	ng	#	85
20) 3+4-Methylphenols	9.322	107	380558	53.53	ng		91
22) Acetophenone	9.363	105	513253	45.08	ng	#	87
24) Nitrobenzene	9.751	77	399639	48.81	ng	#	75
25) Isophorone	10.275	82	768523	49.51	ng	#	88
26) 2-Nitrophenol	10.481	139	161664	65.29	ng	#	58
27) 2,4-Dimethylphenol	10.534	122	298262	58.31	ng	#	84
28) bis(2-Chloroethoxy)met...	10.746	93	425669	44.61	ng		95
29) 2,4-Dichlorophenol	11.034	162	350175	54.85	ng		96
30) 1,2,4-Trichlorobenzene	11.251	180	342057	40.39	ng		97
31) Naphthalene	11.440	128	909462	43.99	ng		100
32) Benzoic acid	10.681	122	165433	58.24	ng	#	58
33) 4-Chloroaniline	11.516	127	110126	12.34	ng	#	84
34) Hexachlorobutadiene	11.745	225	238161	37.94	ng		100
35) Caprolactam	12.245	113	84407	41.72	ng	#	57
36) 4-Chloro-3-methylphenol	12.622	107	420725	57.74	ng	#	82
37) 2-Methylnaphthalene	13.004	142	730201	47.47	ng	#	94
38) 1-Methylnaphthalene	13.216	142	686953	47.51	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.375	216	482815	43.87	ng		98
41) Hexachlorocyclopentadiene	13.369	237	478592	78.02	ng		99
43) 2,4,6-Trichlorophenol	13.592	196	328111	53.76	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.675	196	360275	56.20	ng	#	95
46) 1,1'-Biphenyl	13.975	154	999869	44.57	ng		98
47) 2-Chloronaphthalene	14.028	162	795754	42.61	ng		98
48) 2-Nitroaniline	14.204	65	279601	52.23	ng	#	58
49) Acenaphthylene	14.863	152	1261035	46.35	ng		99
50) Dimethylphthalate	14.563	163	1309671	54.94	ng		100
51) 2,6-Dinitrotoluene	14.675	165	247623	57.68	ng	#	58
52) Acenaphthene	15.204	154	904697	51.05	ng		84
53) 3-Nitroaniline	15.004	138	119161	27.53	ng	#	60
54) 2,4-Dinitrophenol	15.204	184	200784	87.75	ng	#	1
55) Dibenzofuran	15.528	168	1310734	47.58	ng		97
56) 4-Nitrophenol	15.316	139	353160	113.63	ng	#	37
57) 2,4-Dinitrotoluene	15.457	165	357010	56.40	ng	#	65
58) Fluorene	16.169	166	1102473	49.47	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.757	232	356694	60.51	ng		93
60) Diethylphthalate	15.904	149	1152457	49.18	ng		98
61) 4-Chlorophenyl-phenyle...	16.145	204	634073	48.02	ng		96
62) 4-Nitroaniline	16.163	138	235407	48.88	ng	#	57
63) Azobenzene	16.433	77	1100464	48.81	ng		84
65) 4,6-Dinitro-2-methylph...	16.228	198	165756	53.23	ng		89
66) n-Nitrosodiphenylamine	16.351	169	985070	46.58	ng		100
67) 4-Bromophenyl-phenylether	17.033	248	425703	45.79	ng		97
68) Hexachlorobenzene	17.198	284	480145	45.23	ng		96
69) Atrazine	17.275	200	345894	41.96	ng		96
70) Pentachlorophenol	17.522	266	600980	124.44	ng		99
71) Phenanthrene	17.898	178	1850093	47.03	ng		100
72) Anthracene	17.980	178	1893964	49.36	ng		100
73) Carbazole	18.227	167	1687682	48.70	ng		98
74) Di-n-butylphthalate	18.727	149	1995863	47.28	ng	#	98
75) Fluoranthene	19.804	202	2376315	48.79	ng		98
77) Benzidine	19.939	184	652944	36.46	ng		99
78) Pyrene	20.151	202	2394908	47.17	ng		99
80) Butylbenzylphthalate	20.951	149	921052	51.94	ng	#	81
81) Benzo(a)anthracene	21.845	228	2481446	48.30	ng		98
82) 3,3'-Dichlorobenzidine	21.745	252	497736	27.41	ng	#	99
83) Chrysene	21.904	228	2328683	47.92	ng		99
84) Bis(2-ethylhexyl)phtha...	21.704	149	1330103	49.42	ng	#	98
85) Di-n-octyl phthalate	22.663	149	2291686	52.74	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.127	276	2534877	44.78	ng	#	91
88) Benzo(b)fluoranthene	23.645	252	2571061	49.61	ng	#	97
89) Benzo(k)fluoranthene	23.698	252	2445045	50.24	ng	#	96
90) Benzo(a)pyrene	24.321	252	2185360	46.82	ng	#	96
91) Dibenzo(a,h)anthracene	27.121	278	2182827	46.23	ng	#	93
92) Benzo(g,h,i)perylene	27.956	276	2013859	45.19	ng	#	91

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

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