Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
Data File : BP003621.D
Acq On : 15 Oct 2020 12:52
Operator : CG/JU
Sample : PB132232BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132232BS

Quant Time: Oct 15 14:19:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:03:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.540	152	138133	20.00	ng		0.00
21) Naphthalene-d8	11.393	136	477092	20.00	ng	#	0.00
39) Acenaphthene-d10	15.145	164	294060	20.00	ng		0.00
64) Phenanthrene-d10	17.863	188	591833	20.00	ng		0.00
76) Chrysene-d12	21.874	240	520081	20.00	ng	#	0.00
86) Perylene-d12	24.457	264	486800	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.034	112	891913	111.00	ng		0.00
7) Phenol-d6	7.687	99	1161037	99.20	ng		0.00
23) Nitrobenzene-d5	9.710	82	721324	70.10	ng		0.00
42) 2,4,6-Tribromophenol	16.616	330	414546	105.74	ng		0.00
45) 2-Fluorobiphenyl	13.775	172	1470933	65.63	ng		0.00
79) Terphenyl-d14	20.327	244	1914550	66.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.699	88	131334	38.15	ng	#	85
3) Pyridine	4.140	79	369228	36.82	ng	#	88
4) n-Nitrosodimethylamine	4.034	42	173502	40.26	ng	#	60
6) Aniline	7.834	93	394534	28.80	ng	#	87
8) 2-Chlorophenol	8.110	128	341145	41.76	ng		83
9) Benzaldehyde	7.634	77	199332	31.63	ng	#	79
10) Phenol	7.716	94	456238	40.37	ng		77
11) bis(2-Chloroethyl)ether	7.922	93	355567	39.19	ng		89
12) 1,3-Dichlorobenzene	8.440	146	413962	38.98	ng	#	91
13) 1,4-Dichlorobenzene	8.581	146	418989	39.32	ng	#	94
14) 1,2-Dichlorobenzene	8.916	146	393813	38.53	ng	#	95
15) Benzyl Alcohol	8.769	79	367902	39.13	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	9.069	45	337451	36.32	ng		97
17) 2-Methylphenol	8.987	107	299777	39.14	ng	#	89
18) Hexachloroethane	9.669	117	160893	38.84	ng		97
19) n-Nitroso-di-n-propyla...	9.346	70	286894	36.77	ng	#	85
20) 3+4-Methylphenols	9.316	107	396925	38.93	ng		92
22) Acetophenone	9.363	105	561328	39.85	ng	#	87
24) Nitrobenzene	9.752	77	437389	43.18	ng	#	74
25) Isophorone	10.281	82	753872	39.26	ng	#	89
26) 2-Nitrophenol	10.481	139	163835	53.48	ng	#	63
27) 2,4-Dimethylphenol	10.534	122	301155	47.59	ng	#	83
28) bis(2-Chloroethoxy)met...	10.751	93	443241	37.55	ng		97
29) 2,4-Dichlorophenol	11.034	162	331883	42.02	ng		94
30) 1,2,4-Trichlorobenzene	11.257	180	407307	38.88	ng		99
31) Naphthalene	11.446	128	1016672	39.75	ng		100
32) Benzoic acid	10.681	122	145409	43.24	ng	#	74
33) 4-Chloroaniline	11.522	127	188638	17.08	ng	#	86
34) Hexachlorobutadiene	11.751	225	297275	38.28	ng		99
35) Caprolactam	12.246	113	87132	34.81	ng	#	55
36) 4-Chloro-3-methylphenol	12.622	107	350243	38.85	ng	#	83
37) 2-Methylnaphthalene	13.010	142	730776	38.40	ng	#	95
38) 1-Methylnaphthalene	13.228	142	671269	37.52	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.381	216	479038	42.97	ng	#	98
41) Hexachlorocyclopentadiene	13.381	237	729165	117.36	ng		99
43) 2,4,6-Trichlorophenol	13.598	196	269489	43.59	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.675	196	284066	43.75	ng	#	95
46) 1,1'-Biphenyl	13.987	154	927174	40.81	ng		99
47) 2-Chloronaphthalene	14.034	162	734741	38.84	ng		98
48) 2-Nitroaniline	14.204	65	202380	38.52	ng	#	58
49) Acenaphthylene	14.875	152	1079984	39.19	ng		100
50) Dimethylphthalate	14.569	163	880617	36.47	ng		99
51) 2,6-Dinitrotoluene	14.681	165	188178	43.27	ng	#	60
52) Acenaphthene	15.210	154	757787	42.21	ng		87
53) 3-Nitroaniline	15.010	138	97397	22.22	ng	#	62
54) 2,4-Dinitrophenol	15.216	184	165965	76.39	ng	#	1
55) Dibenzofuran	15.539	168	1067806	38.27	ng		98
56) 4-Nitrophenol	15.316	139	260189	82.65	ng	#	41
57) 2,4-Dinitrotoluene	15.463	165	242324	38.97	ng	#	62
58) Fluorene	16.181	166	856875	37.96	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.763	232	249369	41.76	ng		93
60) Diethylphthalate	15.916	149	852590	35.92	ng		98
61) 4-Chlorophenyl-phenyle...	16.157	204	496816	37.15	ng		95
62) 4-Nitroaniline	16.163	138	158305	32.45	ng	#	50
63) Azobenzene	16.445	77	846939	37.09	ng		85
65) 4,6-Dinitro-2-methylph...	16.234	198	120972	47.42	ng		89
66) n-Nitrosodiphenylamine	16.363	169	730835	41.35	ng		100
67) 4-Bromophenyl-phenylether	17.045	248	312841	40.27	ng		99
68) Hexachlorobenzene	17.204	284	347694	39.19	ng		97
69) Atrazine	17.281	200	233559	33.90	ng		98
70) Pentachlorophenol	17.528	266	376849	93.36	ng		99
71) Phenanthrene	17.904	178	1266224	38.51	ng		99
72) Anthracene	17.992	178	1293541	40.34	ng		99
73) Carbazole	18.233	167	1070183	36.95	ng		99
74) Di-n-butylphthalate	18.739	149	1317103	37.33	ng	#	98
75) Fluoranthene	19.816	202	1470843	36.14	ng		98
77) Benzidine	19.951	184	537003	44.04	ng		99
78) Pyrene	20.163	202	1471891	42.58	ng		99
80) Butylbenzylphthalate	20.963	149	506564	41.96	ng	#	76
81) Benzo(a)anthracene	21.857	228	1354023	38.71	ng		98
82) 3,3'-Dichlorobenzidine	21.757	252	288517	23.34	ng		98
83) Chrysene	21.916	228	1288460	38.94	ng		99
84) Bis(2-ethylhexyl)phtha...	21.721	149	751250	41.00	ng	#	98
85) Di-n-octyl phthalate	22.686	149	1209876	40.90	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.157	276	1381667	37.40	ng	#	92
88) Benzo(b)fluoranthene	23.668	252	1351115	39.94	ng	#	97
89) Benzo(k)fluoranthene	23.715	252	1249838	39.35	ng	#	96
90) Benzo(a)pyrene	24.345	252	1145273	37.59	ng	#	96
91) Dibenzo(a,h)anthracene	27.157	278	1168246	37.91	ng	#	94
92) Benzo(g,h,i)perylene	27.986	276	1113590	38.29	ng	#	92

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

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