Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003321.D
Acq On : 18 Sep 2020 14:40
Operator : CG/JU
Sample : PB131713BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131713BS

Quant Time: Sep 18 15:22:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 14:13:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.599	152	109605	20.00	ng		0.00
21) Naphthalene-d8	10.375	136	425966	20.00	ng		# 0.00
39) Acenaphthene-d10	14.245	164	252657	20.00	ng		0.00
64) Phenanthrene-d10	17.004	188	511636	20.00	ng		0.00
76) Chrysene-d12	21.104	240	474850	20.00	ng		0.00
86) Perylene-d12	23.315	264	487162	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.211	112	707774	112.76	ng		0.00
7) Phenol-d6	6.799	99	887806	106.11	ng		0.00
23) Nitrobenzene-d5	8.752	82	706357	97.42	ng		0.00
42) 2,4,6-Tribromophenol	15.745	330	319070	82.80	ng		0.00
45) 2-Fluorobiphenyl	12.863	172	1632698	94.51	ng		0.00
79) Terphenyl-d14	19.580	244	1748951	76.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.134	88	103885	40.27	ng		98
3) Pyridine	3.516	79	237152	34.53	ng		93
4) n-Nitrosodimethylamine	3.434	42	80736	39.30	ng		99
6) Aniline	6.928	93	348765	36.30	ng		95
8) 2-Chlorophenol	7.175	128	281797	40.31	ng		94
9) Benzaldehyde	6.740	77	140927	30.20	ng		88
10) Phenol	6.822	94	331717	41.51	ng		93
11) bis(2-Chloroethyl)ether	7.028	93	256486	40.50	ng		97
12) 1,3-Dichlorobenzene	7.487	146	309979	37.09	ng	#	96
13) 1,4-Dichlorobenzene	7.634	146	316588	37.44	ng		96
14) 1,2-Dichlorobenzene	7.952	146	297186	36.62	ng		97
15) Benzyl Alcohol	7.846	79	220038	39.57	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.134	45	189230	41.09	ng		90
17) 2-Methylphenol	8.057	107	227905	39.44	ng		96
18) Hexachloroethane	8.669	117	116112	36.85	ng		96
19) n-Nitroso-di-n-propyla...	8.404	70	173696	38.75	ng		95
20) 3+4-Methylphenols	8.387	107	301779	39.24	ng		96
22) Acetophenone	8.416	105	398020	38.05	ng	#	97
24) Nitrobenzene	8.787	77	279358	38.51	ng		87
25) Isophorone	9.316	82	511537	38.50	ng		93
26) 2-Nitrophenol	9.499	139	147303	37.17	ng	#	85
27) 2,4-Dimethylphenol	9.575	122	246170	43.93	ng		92
28) bis(2-Chloroethoxy)met...	9.799	93	327022	36.97	ng		98
29) 2,4-Dichlorophenol	10.046	162	255066	36.43	ng		95
30) 1,2,4-Trichlorobenzene	10.246	180	287048	34.55	ng		100
31) Naphthalene	10.428	128	827345	36.77	ng		100
32) Benzoic acid	9.746	122	99116	29.16	ng		85
33) 4-Chloroaniline	10.546	127	195351	20.44	ng	#	95
34) Hexachlorobutadiene	10.722	225	181151	31.94	ng		99
35) Caprolactam	11.310	113	76381	32.69	ng		95
36) 4-Chloro-3-methylphenol	11.693	107	263739	34.93	ng		90
37) 2-Methylnaphthalene	12.051	142	584516	35.86	ng		98
38) 1-Methylnaphthalene	12.269	142	554324	35.82	ng		99
40) 1,2,4,5-Tetrachloroben...	12.434	216	311496	37.66	ng	#	98
41) Hexachlorocyclopentadiene	12.410	237	277272	88.25	ng		99
43) 2,4,6-Trichlorophenol	12.681	196	188613	35.27	ng		99
44) 2,4,5-Trichlorophenol	12.763	196	197123	35.83	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.075	154	730919	38.79	ng		99
47) 2-Chloronaphthalene	13.116	162	561435	35.98	ng		98
48) 2-Nitroaniline	13.322	65	135658	34.35	ng	#	79
49) Acenaphthylene	13.963	152	890677	37.36	ng		100
50) Dimethylphthalate	13.710	163	679611	33.69	ng		100
51) 2,6-Dinitrotoluene	13.828	165	150813	34.87	ng	#	84
52) Acenaphthene	14.310	154	514138	35.43	ng		100
53) 3-Nitroaniline	14.157	138	100337	21.41	ng	#	77
54) 2,4-Dinitrophenol	14.381	184	122217	61.56	ng	#	91
55) Dibenzofuran	14.651	168	823357	35.55	ng		98
56) 4-Nitrophenol	14.498	139	204179	71.29	ng	#	74
57) 2,4-Dinitrotoluene	14.628	165	201626	33.62	ng	#	82
58) Fluorene	15.304	166	637746	34.87	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	173045	33.45	ng		98
60) Diethylphthalate	15.086	149	670497	32.58	ng		99
61) 4-Chlorophenyl-phenyle...	15.298	204	335107	33.56	ng		99
62) 4-Nitroaniline	15.328	138	145271	29.21	ng		80
63) Azobenzene	15.592	77	579481	36.94	ng		92
65) 4,6-Dinitro-2-methylph...	15.398	198	103774	38.44	ng		92
66) n-Nitrosodiphenylamine	15.516	169	566401	37.69	ng		99
67) 4-Bromophenyl-phenylether	16.198	248	216603	35.03	ng		98
68) Hexachlorobenzene	16.316	284	243645	33.16	ng		95
69) Atrazine	16.475	200	180332	30.59	ng		99
70) Pentachlorophenol	16.669	266	202430	65.53	ng		100
71) Phenanthrene	17.045	178	990196	35.57	ng		99
72) Anthracene	17.133	178	1017157	37.08	ng		100
73) Carbazole	17.410	167	898032	34.46	ng		99
74) Di-n-butylphthalate	17.980	149	1112399	33.39	ng	#	99
75) Fluoranthene	19.027	202	1153550	32.96	ng		98
77) Benzidine	19.210	184	603255	40.97	ng		100
78) Pyrene	19.380	202	1165880	39.37	ng		99
80) Butylbenzylphthalate	20.263	149	485353	35.82	ng		90
81) Benzo(a)anthracene	21.092	228	1106836	36.06	ng		99
82) 3,3'-Dichlorobenzidine	21.027	252	330391	27.85	ng		98
83) Chrysene	21.139	228	1053383	35.72	ng		100
84) Bis(2-ethylhexyl)phtha...	21.033	149	701683	36.79	ng		100
85) Di-n-octyl phthalate	21.892	149	1206086	34.60	ng		98
87) Indeno(1,2,3-cd)pyrene	25.568	276	1368059	37.05	ng		99
88) Benzo(b)fluoranthene	22.651	252	1130509	36.75	ng		100
89) Benzo(k)fluoranthene	22.698	252	1109284	37.62	ng		99
90) Benzo(a)pyrene	23.221	252	1047164	36.10	ng		98
91) Dibenzo(a,h)anthracene	25.580	278	1148190	37.68	ng		99
92) Benzo(g,h,i)perylene	26.256	276	1175929	38.66	ng		98

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

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