Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
Data File : BP004006.D
Acq On : 19 Nov 2020 16:00
Operator : CG/JU
Sample : PB133105BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB133105BS

Quant Time: Nov 19 16:44:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	140175	20.00	ng		-0.01
21) Naphthalene-d8	11.104	136	531644	20.00	ng		#-0.01
39) Acenaphthene-d10	14.898	164	322738	20.00	ng		-0.01
64) Phenanthrene-d10	17.633	188	656009	20.00	ng		# 0.00
76) Chrysene-d12	21.668	240	537075	20.00	ng		0.00
86) Perylene-d12	24.150	264	528367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	853338	101.60	ng		0.00
7) Phenol-d6	7.451	99	1116818	92.63	ng		0.00
23) Nitrobenzene-d5	9.439	82	626777	57.74	ng		0.00
42) 2,4,6-Tribromophenol	16.386	330	374093	92.67	ng		0.00
45) 2-Fluorobiphenyl	13.522	172	1385718	60.03	ng		0.00
79) Terphenyl-d14	20.133	244	1739276	62.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	120508	33.26	ng	#	60
3) Pyridine	3.922	79	342842	32.26	ng	#	58
4) n-Nitrosodimethylamine	3.816	42	181017	37.00	ng	#	50
6) Aniline	7.575	93	368157	26.89	ng	#	84
8) 2-Chlorophenol	7.845	128	353135	39.60	ng	#	80
9) Benzaldehyde	7.375	77	113164	17.60	ng	#	77
10) Phenol	7.475	94	444570	38.21	ng		81
11) bis(2-Chloroethyl)ether	7.663	93	345273	36.92	ng	#	82
12) 1,3-Dichlorobenzene	8.163	146	395120	36.16	ng	#	93
13) 1,4-Dichlorobenzene	8.304	146	402565	36.54	ng		96
14) 1,2-Dichlorobenzene	8.639	146	386165	36.70	ng		96
15) Benzyl Alcohol	8.510	79	321030	38.44	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.798	45	540412	34.31	ng		81
17) 2-Methylphenol	8.739	107	295679	38.71	ng	#	93
18) Hexachloroethane	9.381	117	149761	38.25	ng		95
19) n-Nitroso-di-n-propyla...	9.075	70	271625	37.69	ng	#	74
20) 3+4-Methylphenols	9.069	107	393538	38.59	ng		88
22) Acetophenone	9.092	105	522388	36.61	ng	#	83
24) Nitrobenzene	9.481	77	406412	37.67	ng	#	80
25) Isophorone	10.004	82	721458	39.13	ng	#	91
26) 2-Nitrophenol	10.204	139	189443	44.97	ng	#	73
27) 2,4-Dimethylphenol	10.275	122	317197	45.14	ng		92
28) bis(2-Chloroethoxy)met...	10.475	93	441445	34.89	ng		96
29) 2,4-Dichlorophenol	10.763	162	329332	38.90	ng		96
30) 1,2,4-Trichlorobenzene	10.975	180	370662	35.93	ng		100
31) Naphthalene	11.157	128	1039268	36.43	ng		100
32) Benzoic acid	10.445	122	99165	24.93	ng	#	77
33) 4-Chloroaniline	11.245	127	273814	22.58	ng	#	87
34) Hexachlorobutadiene	11.463	225	237322	35.27	ng		98
35) Caprolactam	11.986	113	100641	38.44	ng	#	15
36) 4-Chloro-3-methylphenol	12.380	107	350719	38.37	ng		88
37) 2-Methylnaphthalene	12.745	142	742904	36.39	ng		98
38) 1-Methylnaphthalene	12.963	142	686591	35.26	ng		99
40) 1,2,4,5-Tetrachloroben...	13.122	216	405180	37.93	ng		98
41) Hexachlorocyclopentadiene	13.110	237	408645	75.83	ng		99
43) 2,4,6-Trichlorophenol	13.351	196	250710	37.97	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.433	196	268126	38.57	ng	#	96
46) 1,1'-Biphenyl	13.727	154	929525	37.10	ng		98
47) 2-Chloronaphthalene	13.780	162	732320	35.63	ng		99
48) 2-Nitroaniline	13.963	65	231932	37.81	ng	#	59
49) Acenaphthylene	14.621	152	1115465	36.95	ng		100
50) Dimethylphthalate	14.327	163	896450	35.54	ng		99
51) 2,6-Dinitrotoluene	14.445	165	201263	38.88	ng	#	74
52) Acenaphthene	14.963	154	767128	38.15	ng		98
53) 3-Nitroaniline	14.780	138	139133	24.28	ng	#	78
54) 2,4-Dinitrophenol	14.998	184	148003	58.15	ng	#	85
55) Dibenzofuran	15.292	168	1079070	36.12	ng		100
56) 4-Nitrophenol	15.116	139	281359	68.13	ng	#	65
57) 2,4-Dinitrotoluene	15.239	165	271298	39.04	ng	#	75
58) Fluorene	15.939	166	865163	36.17	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.533	232	211059	33.68	ng		96
60) Diethylphthalate	15.680	149	882656	35.73	ng		100
61) 4-Chlorophenyl-phenyle...	15.916	204	459262	35.13	ng		97
62) 4-Nitroaniline	15.939	138	188605	31.57	ng		88
63) Azobenzene	16.210	77	841769	36.09	ng		84
65) 4,6-Dinitro-2-methylph...	16.021	198	129317	38.12	ng		87
66) n-Nitrosodiphenylamine	16.127	169	754851	37.59	ng		99
67) 4-Bromophenyl-phenylether	16.810	248	279107	36.36	ng		99
68) Hexachlorobenzene	16.974	284	308124	35.18	ng		96
69) Atrazine	17.063	200	226190	34.31	ng		98
70) Pentachlorophenol	17.310	266	236816	56.53	ng		99
71) Phenanthrene	17.674	178	1311961	35.63	ng		99
72) Anthracene	17.763	178	1348577	37.93	ng		99
73) Carbazole	18.021	167	1185073	35.92	ng		98
74) Di-n-butylphthalate	18.533	149	1451234	38.00	ng		99
75) Fluoranthene	19.609	202	1480682	34.85	ng		99
77) Benzidine	19.757	184	543411	42.90	ng		100
78) Pyrene	19.962	202	1477201	40.53	ng		98
80) Butylbenzylphthalate	20.780	149	591082	43.52	ng	#	88
81) Benzo(a)anthracene	21.656	228	1289718	36.41	ng		98
82) 3,3'-Dichlorobenzidine	21.562	252	342321	28.02	ng		98
83) Chrysene	21.709	228	1242213	36.50	ng		99
84) Bis(2-ethylhexyl)phtha...	21.527	149	833872	41.66	ng		99
85) Di-n-octyl phthalate	22.462	149	1424756	42.72	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.721	276	1390730	36.49	ng		98
88) Benzo(b)fluoranthene	23.398	252	1267782	36.67	ng		99
89) Benzo(k)fluoranthene	23.445	252	1228771	35.99	ng		99
90) Benzo(a)pyrene	24.045	252	1135696	35.48	ng		99
91) Dibenzo(a,h)anthracene	26.721	278	1175226	36.99	ng		98
92) Benzo(g,h,i)perylene	27.515	276	1174083	38.18	ng		98

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

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