Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003972.D
Acq On : 17 Nov 2020 13:13
Operator : CG/JU
Sample : PB133019BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB133019BS

Quant Time: Nov 17 13:45:30 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	8.281	152	167305	20.00	ng		0.00
21) Naphthalene-d8	11.110	136	661799	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	404056	20.00	ng		0.00
64) Phenanthrene-d10	17.640	188	816205	20.00	ng	#	0.00
76) Chrysene-d12	21.675	240	705925	20.00	ng		0.00
86) Perylene-d12	24.157	264	666094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	1097781	109.51	ng		0.00
7) Phenol-d6	7.452	99	1425985	99.10	ng		0.00
23) Nitrobenzene-d5	9.446	82	908403	67.22	ng		0.00
42) 2,4,6-Tribromophenol	16.393	330	493187	97.59	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	1945250	67.31	ng		0.00
79) Terphenyl-d14	20.139	244	2391875	65.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	125729	29.07	ng	#	59
3) Pyridine	3.928	79	376067	29.65	ng	#	59
4) n-Nitrosodimethylamine	3.828	42	229720	39.34	ng	#	52
6) Aniline	7.581	93	421184	25.78	ng	#	83
8) 2-Chlorophenol	7.852	128	464881	43.68	ng	#	80
9) Benzaldehyde	7.381	77	82581	9.56	ng	#	78
10) Phenol	7.481	94	590541	42.53	ng		82
11) bis(2-Chloroethyl)ether	7.669	93	446112	39.97	ng	#	81
12) 1,3-Dichlorobenzene	8.175	146	488155	37.43	ng	#	95
13) 1,4-Dichlorobenzene	8.316	146	500032	38.03	ng		96
14) 1,2-Dichlorobenzene	8.646	146	478515	38.10	ng		96
15) Benzyl Alcohol	8.516	79	423158	42.46	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.811	45	709004	37.72	ng		82
17) 2-Methylphenol	8.740	107	393546	43.17	ng	#	93
18) Hexachloroethane	9.393	117	184079	39.39	ng		98
19) n-Nitroso-di-n-propyla...	9.087	70	354454	41.21	ng	#	74
20) 3+4-Methylphenols	9.069	107	525391	43.17	ng		95
22) Acetophenone	9.099	105	674096	37.95	ng	#	84
24) Nitrobenzene	9.487	77	535828	39.90	ng	#	81
25) Isophorone	10.011	82	962345	41.93	ng	#	89
26) 2-Nitrophenol	10.211	139	249025	47.49	ng	#	71
27) 2,4-Dimethylphenol	10.281	122	396068	45.28	ng		91
28) bis(2-Chloroethoxy)met...	10.487	93	584842	37.13	ng		97
29) 2,4-Dichlorophenol	10.769	162	441890	41.93	ng		95
30) 1,2,4-Trichlorobenzene	10.981	180	478382	37.26	ng		97
31) Naphthalene	11.163	128	1360980	38.32	ng		99
32) Benzoic acid	10.446	122	169301	31.11	ng	#	72
33) 4-Chloroaniline	11.252	127	304775	20.19	ng	#	87
34) Hexachlorobutadiene	11.475	225	304282	36.33	ng		97
35) Caprolactam	11.999	113	135481	41.57	ng	#	14
36) 4-Chloro-3-methylphenol	12.387	107	477462	41.96	ng		89
37) 2-Methylnaphthalene	12.752	142	990594	38.98	ng		98
38) 1-Methylnaphthalene	12.969	142	936315	38.63	ng		100
40) 1,2,4,5-Tetrachloroben...	13.128	216	526625	39.38	ng		98
41) Hexachlorocyclopentadiene	13.122	237	594475	88.12	ng		99
43) 2,4,6-Trichlorophenol	13.357	196	342303	41.41	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	366274	42.08	ng	#	96
46) 1,1'-Biphenyl	13.740	154	1221116	38.93	ng		98
47) 2-Chloronaphthalene	13.787	162	972953	37.81	ng		98
48) 2-Nitroaniline	13.969	65	324347	42.24	ng	#	59
49) Acenaphthylene	14.628	152	1497271	39.62	ng		100
50) Dimethylphthalate	14.334	163	1203334	38.10	ng		100
51) 2,6-Dinitrotoluene	14.451	165	272914	42.11	ng	#	75
52) Acenaphthene	14.969	154	1054031	41.87	ng		98
53) 3-Nitroaniline	14.781	138	184687	25.75	ng	#	72
54) 2,4-Dinitrophenol	14.998	184	246297	71.24	ng	#	80
55) Dibenzofuran	15.298	168	1447221	38.69	ng		99
56) 4-Nitrophenol	15.116	139	410356	79.37	ng	#	64
57) 2,4-Dinitrotoluene	15.246	165	367727	42.26	ng	#	76
58) Fluorene	15.945	166	1146092	38.27	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.534	232	315373	40.19	ng		98
60) Diethylphthalate	15.687	149	1198785	38.76	ng		100
61) 4-Chlorophenyl-phenyle...	15.922	204	616095	37.64	ng		99
62) 4-Nitroaniline	15.945	138	263326	35.21	ng		87
63) Azobenzene	16.216	77	1147307	39.29	ng		85
65) 4,6-Dinitro-2-methylph...	16.022	198	193996	44.65	ng		83
66) n-Nitrosodiphenylamine	16.134	169	1014674	40.61	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	375374	39.31	ng		98
68) Hexachlorobenzene	16.981	284	406252	37.28	ng		96
69) Atrazine	17.069	200	336694	41.05	ng		98
70) Pentachlorophenol	17.310	266	383769	73.62	ng		99
71) Phenanthrene	17.681	178	1745157	38.10	ng		99
72) Anthracene	17.769	178	1802631	40.75	ng		99
73) Carbazole	18.022	167	1593525	38.82	ng		99
74) Di-n-butylphthalate	18.539	149	1966857	41.39	ng	#	99
75) Fluoranthene	19.616	202	2033938	38.48	ng		99
77) Benzidine	19.763	184	529802	31.82	ng		99
78) Pyrene	19.963	202	2025336	42.28	ng		99
80) Butylbenzylphthalate	20.786	149	835977	46.83	ng	#	86
81) Benzo(a)anthracene	21.657	228	1836352	39.45	ng		98
82) 3,3'-Dichlorobenzidine	21.569	252	473990	29.52	ng		98
83) Chrysene	21.716	228	1763159	39.42	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1192901	45.34	ng		99
85) Di-n-octyl phthalate	22.469	149	2018433	46.05	ng	#	85
87) Indeno(1,2,3-cd)pyrene	26.733	276	2005695	41.74	ng		99
88) Benzo(b)fluoranthene	23.404	252	1770420	40.62	ng		100
89) Benzo(k)fluoranthene	23.457	252	1775696	41.26	ng		98
90) Benzo(a)pyrene	24.051	252	1634535	40.51	ng		99
91) Dibenzo(a,h)anthracene	26.733	278	1710667	42.71	ng		98
92) Benzo(g,h,i)perylene	27.521	276	1655906	42.71	ng		99

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

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