Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003303.D
Acq On : 16 Sep 2020 15:53
Operator : CG/JU
Sample : L4021-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B15A-5-7MSD

Manual Integrations APPROVED
mohammad
9/18/2020 11:28:33 AM

Quant Time: Sep 16 16:54:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:18:39 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.616	152	123341	20.00	ng		0.00
21) Naphthalene-d8	10.392	136	460532	20.00	ng		# 0.00
39) Acenaphthene-d10	14.263	164	257939	20.00	ng		0.00
64) Phenanthrene-d10	17.016	188	489633	20.00	ng		0.00
76) Chrysene-d12	21.109	240	365260	20.00	ng		0.00
86) Perylene-d12	23.321	264	397307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	684042	96.84	ng		0.00
7) Phenol-d6	6.816	99	854914	90.80	ng		0.00
23) Nitrobenzene-d5	8.763	82	572930	73.09	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	298113	75.78	ng		0.00
45) 2-Fluorobiphenyl	12.880	172	1276771	72.39	ng		0.00
79) Terphenyl-d14	19.592	244	1361559	77.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.157	88	124136	42.76	ng		98
3) Pyridine	3.540	79	321182	41.56	ng		91
4) n-Nitrosodimethylamine	3.457	42	109059	47.17	ng		98
6) Aniline	6.945	93	337833	31.25	ng		96
8) 2-Chlorophenol	7.193	128	376284	47.83	ng		95
9) Benzaldehyde	6.757	77	147772	28.14	ng		91
10) Phenol	6.840	94	464242	51.62	ng		93
11) bis(2-Chloroethyl)ether	7.045	93	335855	47.13	ng		99
12) 1,3-Dichlorobenzene	7.504	146	424754	45.16	ng	#	96
13) 1,4-Dichlorobenzene	7.651	146	425920	44.76	ng		95
14) 1,2-Dichlorobenzene	7.963	146	406182	44.47	ng		97
15) Benzyl Alcohol	7.857	79	302932	48.42	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.145	45	233502	45.06	ng		91
17) 2-Methylphenol	8.075	107	298191	45.86	ng		96
18) Hexachloroethane	8.687	117	156549	44.16	ng		98
19) n-Nitroso-di-n-propyla...	8.422	70	210072	41.65	ng		96
20) 3+4-Methylphenols	8.404	107	389196	44.97	ng		96
22) Acetophenone	8.434	105	497702	44.01	ng	#	97
24) Nitrobenzene	8.810	77	365813	46.64	ng		90
25) Isophorone	9.334	82	654854	45.58	ng		94
26) 2-Nitrophenol	9.516	139	204116	47.65	ng	#	85
27) 2,4-Dimethylphenol	9.592	122	311767	51.46	ng		92
28) bis(2-Chloroethoxy)met...	9.816	93	419442	43.86	ng		99
29) 2,4-Dichlorophenol	10.063	162	343453	45.37	ng		97
30) 1,2,4-Trichlorobenzene	10.263	180	385972	42.97	ng		99
31) Naphthalene	10.445	128	1084301	44.57	ng		100
32) Benzoic acid	9.775	122	177283	42.25	ng		84
33) 4-Chloroaniline	10.563	127	155252	15.02	ng	#	96
34) Hexachlorobutadiene	10.739	225	257279	41.96	ng		99
35) Caprolactam	11.328	113	97069	38.42	ng		95
36) 4-Chloro-3-methylphenol	11.710	107	344870	42.25	ng		90
37) 2-Methylnaphthalene	12.069	142	752664	42.71	ng		96
38) 1-Methylnaphthalene	12.286	142	699684m	41.81	ng		
40) 1,2,4,5-Tetrachloroben...	12.451	216	410956	48.66	ng		99
41) Hexachlorocyclopentadiene	12.428	237	376593	106.01	ng		100
43) 2,4,6-Trichlorophenol	12.692	196	260035	47.63	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.775	196	273588	48.71	ng		96
46) 1,1'-Biphenyl	13.092	154	936004	48.65	ng		99
47) 2-Chloronaphthalene	13.133	162	731310	45.91	ng		98
48) 2-Nitroaniline	13.339	65	172727	42.84	ng	#	81
49) Acenaphthylene	13.980	152	1118595	45.96	ng		99
50) Dimethylphthalate	13.727	163	994882	48.30	ng		100
51) 2,6-Dinitrotoluene	13.845	165	195076	44.19	ng	#	85
52) Acenaphthene	14.327	154	667887	45.09	ng		99
53) 3-Nitroaniline	14.175	138	99346	20.76	ng	#	82
54) 2,4-Dinitrophenol	14.392	184	159065	76.49	ng	#	90
55) Dibenzofuran	14.669	168	1053064	44.54	ng		97
56) 4-Nitrophenol	14.516	139	269480	92.16	ng		79
57) 2,4-Dinitrotoluene	14.639	165	255182	41.68	ng	#	83
58) Fluorene	15.316	166	779522	41.74	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.904	232	227225	43.02	ng		99
60) Diethylphthalate	15.098	149	854106	40.65	ng		99
61) 4-Chlorophenyl-phenyle...	15.316	204	417039	40.91	ng		99
62) 4-Nitroaniline	15.339	138	163821	32.27	ng		82
63) Azobenzene	15.610	77	706149	44.09	ng		94
65) 4,6-Dinitro-2-methylph...	15.416	198	127571	49.37	ng		99
66) n-Nitrosodiphenylamine	15.533	169	715613	49.76	ng		99
67) 4-Bromophenyl-phenylether	16.210	248	282246	47.69	ng		97
68) Hexachlorobenzene	16.333	284	318323	45.27	ng		97
69) Atrazine	16.492	200	187803	33.29	ng		99
70) Pentachlorophenol	16.680	266	281570	92.17	ng		99
71) Phenanthrene	17.057	178	1220184	45.80	ng		100
72) Anthracene	17.151	178	1235825	47.07	ng		99
73) Carbazole	17.421	167	1050243	42.12	ng		99
74) Di-n-butylphthalate	17.992	149	1311469	41.14	ng		99
75) Fluoranthene	19.039	202	1315927	39.29	ng		99
77) Benzidine	19.221	184	417880	36.89	ng		99
78) Pyrene	19.392	202	1304661	57.27	ng		99
80) Butylbenzylphthalate	20.268	149	496718	47.66	ng		90
81) Benzo(a)anthracene	21.098	228	1088038	46.08	ng		100
82) 3,3'-Dichlorobenzidine	21.033	252	338797	37.13	ng		99
83) Chrysene	21.145	228	1043800	46.01	ng		100
84) Bis(2-ethylhexyl)phtha...	21.033	149	692204	47.18	ng		98
85) Di-n-octyl phthalate	21.898	149	1117221	41.67	ng		98
87) Indeno(1,2,3-cd)pyrene	25.586	276	1632235	54.20	ng		98
88) Benzo(b)fluoranthene	22.656	252	1149457	45.82	ng		100
89) Benzo(k)fluoranthene	22.703	252	1103620	45.90	ng		99
90) Benzo(a)pyrene	23.227	252	1075919	45.48	ng		100
91) Dibenzo(a,h)anthracene	25.592	278	1345771	54.16	ng		98
92) Benzo(g,h,i)perylene	26.268	276	1446118	58.29	ng		98

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

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