Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
Data File : BP003871.D
Acq On : 09 Nov 2020 16:48
Operator : CG/JU
Sample : L4665-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8-COMPMSD

Manual Integrations APPROVED
mohammad
11/10/2020 12:00:33 PM

Quant Time: Nov 09 17:50:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	158707	20.00	ng		0.00
21) Naphthalene-d8	11.134	136	638619	20.00	ng		# 0.00
39) Acenaphthene-d10	14.922	164	419546	20.00	ng		0.00
64) Phenanthrene-d10	17.645	188	906910	20.00	ng		# 0.00
76) Chrysene-d12	21.674	240	901886	20.00	ng		0.00
86) Perylene-d12	24.157	264	959635	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	1233616	129.73	ng		0.00
7) Phenol-d6	7.469	99	1643503	120.40	ng		0.00
23) Nitrobenzene-d5	9.469	82	1064276m	81.62	ng		0.00
42) 2,4,6-Tribromophenol	16.398	330	711270	135.55	ng		0.00
45) 2-Fluorobiphenyl	13.545	172	2130370	70.99	ng		0.00
79) Terphenyl-d14	20.139	244	3046024	65.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.505	88	143971	35.09	ng	#	63
3) Pyridine	3.940	79	435782	36.22	ng	#	60
4) n-Nitrosodimethylamine	3.846	42	230064	41.53	ng	#	54
6) Aniline	7.605	93	333319	21.50	ng	#	85
8) 2-Chlorophenol	7.869	128	481303	47.67	ng	#	81
9) Benzaldehyde	7.405	77	95388	12.24	ng	#	79
10) Phenol	7.499	94	655728	49.78	ng		83
11) bis(2-Chloroethyl)ether	7.693	93	470519	44.44	ng	#	81
12) 1,3-Dichlorobenzene	8.199	146	520604	42.08	ng	#	94
13) 1,4-Dichlorobenzene	8.340	146	527042	42.25	ng		96
14) 1,2-Dichlorobenzene	8.669	146	506079	42.48	ng		97
15) Benzyl Alcohol	8.534	79	455934	48.22	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.834	45	699677	39.24	ng		82
17) 2-Methylphenol	8.763	107	415798	48.08	ng	#	94
18) Hexachloroethane	9.416	117	195103	44.01	ng		97
19) n-Nitroso-di-n-propyla...	9.104	70	372856	45.70	ng	#	76
20) 3+4-Methylphenols	9.087	107	562557	48.73	ng		96
22) Acetophenone	9.122	105	717179	41.84	ng	#	86
24) Nitrobenzene	9.510	77	545743	42.11	ng	#	82
25) Isophorone	10.034	82	1014396	45.80	ng	#	91
26) 2-Nitrophenol	10.234	139	265730	52.52	ng	#	75
27) 2,4-Dimethylphenol	10.299	122	455577	53.98	ng		92
28) bis(2-Chloroethoxy)met...	10.504	93	614292	40.42	ng		97
29) 2,4-Dichlorophenol	10.787	162	485673	47.75	ng		95
30) 1,2,4-Trichlorobenzene	11.004	180	505878	40.83	ng		100
31) Naphthalene	11.187	128	1436790	41.93	ng		99
32) Benzoic acid	10.463	122	248702	43.01	ng	#	80
33) 4-Chloroaniline	11.275	127	262133	18.00	ng	#	89
34) Hexachlorobutadiene	11.499	225	321691	39.80	ng		99
35) Caprolactam	12.016	113	159874	50.84	ng	#	19
36) 4-Chloro-3-methylphenol	12.398	107	531975	48.45	ng		87
37) 2-Methylnaphthalene	12.769	142	1070356	43.65	ng		97
38) 1-Methylnaphthalene	12.987	142	990871	42.36	ng		97
40) 1,2,4,5-Tetrachloroben...	13.145	216	587069	42.28	ng		98
41) Hexachlorocyclopentadiene	13.140	237	666644	95.17	ng		100
43) 2,4,6-Trichlorophenol	13.369	196	397798	46.34	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.451	196	426891	47.23	ng		97
46) 1,1'-Biphenyl	13.757	154	1355760	41.63	ng		98
47) 2-Chloronaphthalene	13.804	162	1067184	39.94	ng		98
48) 2-Nitroaniline	13.981	65	354896	44.51	ng	#	58
49) Acenaphthylene	14.645	152	1675069	42.69	ng		100
50) Dimethylphthalate	14.351	163	1667427	50.85	ng		99
51) 2,6-Dinitrotoluene	14.463	165	309107	45.94	ng	#	74
52) Acenaphthene	14.987	154	1220230	46.68	ng		92
53) 3-Nitroaniline	14.792	138	171210	22.99	ng	#	75
54) 2,4-Dinitrophenol	15.004	184	326870	84.50	ng	#	63
55) Dibenzofuran	15.310	168	1636080	42.13	ng		98
56) 4-Nitrophenol	15.122	139	522044	97.25	ng	#	66
57) 2,4-Dinitrotoluene	15.251	165	428417	47.42	ng	#	76
58) Fluorene	15.957	166	1334452	42.91	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	376621	46.23	ng		97
60) Diethylphthalate	15.704	149	1377959	42.91	ng		99
61) 4-Chlorophenyl-phenyle...	15.934	204	714244	42.03	ng		98
62) 4-Nitroaniline	15.957	138	307856	39.65	ng		87
63) Azobenzene	16.228	77	1282662	42.31	ng		85
65) 4,6-Dinitro-2-methylph...	16.028	198	249206	50.64	ng		86
66) n-Nitrosodiphenylamine	16.145	169	1185539	42.70	ng		99
67) 4-Bromophenyl-phenylether	16.828	248	445301	41.96	ng		98
68) Hexachlorobenzene	16.986	284	496898	41.04	ng		96
69) Atrazine	17.075	200	376649	41.33	ng		99
70) Pentachlorophenol	17.316	266	576999	99.62	ng		99
71) Phenanthrene	17.692	178	2115250	41.56	ng		99
72) Anthracene	17.781	178	2164056	44.02	ng		99
73) Carbazole	18.033	167	1981615	43.45	ng		98
74) Di-n-butylphthalate	18.545	149	2389782	45.26	ng	#	98
75) Fluoranthene	19.622	202	2561188	43.61	ng		99
77) Benzidine	19.763	184	761747	35.81	ng		100
78) Pyrene	19.969	202	2601021	42.50	ng		99
80) Butylbenzylphthalate	20.786	149	1098642	48.17	ng	#	85
81) Benzo(a)anthracene	21.657	228	2538151	42.68	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	510934	24.90	ng		99
83) Chrysene	21.716	228	2437876	42.66	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1625433	48.35	ng		99
85) Di-n-octyl phthalate	22.468	149	2833856	50.60	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.721	276	2723295	39.34	ng		97
88) Benzo(b)fluoranthene	23.404	252	2710346	43.16	ng		99
89) Benzo(k)fluoranthene	23.451	252	2456826	39.62	ng		98
90) Benzo(a)pyrene	24.045	252	2338953	40.23	ng		98
91) Dibenzo(a,h)anthracene	26.721	278	2338406	40.52	ng		98
92) Benzo(g,h,i)perylene	27.515	276	2223147	39.80	ng		96

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

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