Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003344.D
Acq On : 22 Sep 2020 18:03
Operator : CG/JU
Sample : L3869-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-091820MS

Manual Integrations APPROVED
mohammad
9/23/2020 10:43:58 AM

Quant Time: Sep 22 20:47:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.569	152	160759	20.00	ng		0.00
21) Naphthalene-d8	10.346	136	639890	20.00	ng		# 0.00
39) Acenaphthene-d10	14.222	164	393851	20.00	ng		0.00
64) Phenanthrene-d10	16.975	188	858779	20.00	ng		# 0.00
76) Chrysene-d12	21.075	240	846305	20.00	ng		0.00
86) Perylene-d12	23.263	264	856562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.193	112	1169440	127.02	ng		0.01
7) Phenol-d6	6.775	99	1348092	109.85	ng		0.00
23) Nitrobenzene-d5	8.722	82	1063475	97.64	ng		0.00
42) 2,4,6-Tribromophenol	15.722	330	709167	118.05	ng		0.00
45) 2-Fluorobiphenyl	12.840	172	2393512	88.88	ng		0.00
79) Terphenyl-d14	19.557	244	3515428	86.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.117	88	144508	38.19	ng	#	71
3) Pyridine	3.505	79	377185	37.44	ng		93
4) n-Nitrosodimethylamine	3.411	42	138546	45.98	ng		99
6) Aniline	6.905	93	357197	25.35	ng		96
8) 2-Chlorophenol	7.146	128	503456	49.10	ng		92
9) Benzaldehyde	6.716	77	146712	21.44	ng		87
10) Phenol	6.799	94	554203	47.28	ng		92
11) bis(2-Chloroethyl)ether	7.005	93	474262	51.06	ng		97
12) 1,3-Dichlorobenzene	7.463	146	518462	42.29	ng	#	95
13) 1,4-Dichlorobenzene	7.605	146	525679	42.39	ng		96
14) 1,2-Dichlorobenzene	7.922	146	509992	42.84	ng		97
15) Benzyl Alcohol	7.816	79	444966	54.56	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.111	45	350163	51.85	ng		91
17) 2-Methylphenol	8.034	107	417861	49.30	ng		96
18) Hexachloroethane	8.640	117	194824	42.16	ng		95
19) n-Nitroso-di-n-propyla...	8.381	70	325210	49.47	ng		95
20) 3+4-Methylphenols	8.363	107	546961	48.49	ng		96
22) Acetophenone	8.393	105	729525	46.42	ng	#	96
24) Nitrobenzene	8.763	77	541468	49.68	ng		87
25) Isophorone	9.293	82	1013436	50.77	ng		93
26) 2-Nitrophenol	9.469	139	281451	47.28	ng	#	84
27) 2,4-Dimethylphenol	9.552	122	466199	55.38	ng		92
28) bis(2-Chloroethoxy)met...	9.775	93	626324	47.14	ng		99
29) 2,4-Dichlorophenol	10.016	162	492796	46.85	ng		95
30) 1,2,4-Trichlorobenzene	10.216	180	508016	40.71	ng		100
31) Naphthalene	10.399	128	1523426	45.07	ng		100
32) Benzoic acid	9.763	122	234221	40.62	ng	#	84
33) 4-Chloroaniline	10.522	127	76559	5.33	ng	#	93
34) Hexachlorobutadiene	10.693	225	319517	37.51	ng		100
35) Caprolactam	11.299	113	128851m	36.71	ng		
36) 4-Chloro-3-methylphenol	11.675	107	540750	47.68	ng		90
37) 2-Methylnaphthalene	12.022	142	1089147	44.48	ng		97
38) 1-Methylnaphthalene	12.246	142	1021590	43.94	ng		99
40) 1,2,4,5-Tetrachloroben...	12.404	216	573640	44.49	ng		99
41) Hexachlorocyclopentadiene	12.387	237	395679	83.32	ng		99
43) 2,4,6-Trichlorophenol	12.651	196	392571	47.09	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	418813	48.83	ng	#	95
46) 1,1'-Biphenyl	13.051	154	1385769	47.18	ng		99
47) 2-Chloronaphthalene	13.087	162	1073761	44.14	ng		97
48) 2-Nitroaniline	13.298	65	295528	48.01	ng	#	77
49) Acenaphthylene	13.940	152	1729479	46.53	ng		99
50) Dimethylphthalate	13.693	163	1564439	49.74	ng		100
51) 2,6-Dinitrotoluene	13.804	165	321654	47.71	ng	#	81
52) Acenaphthene	14.287	154	1025275	45.33	ng		100
53) 3-Nitroaniline	14.134	138	127132	17.40	ng	#	78
54) 2,4-Dinitrophenol	14.357	184	283158	87.97	ng	#	88
55) Dibenzofuran	14.622	168	1631398	45.19	ng		96
56) 4-Nitrophenol	14.481	139	430232	96.36	ng	#	74
57) 2,4-Dinitrotoluene	14.604	165	442030	47.28	ng	#	77
58) Fluorene	15.275	166	1286111	45.11	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.863	232	365414	45.31	ng		98
60) Diethylphthalate	15.063	149	1453009	45.29	ng		99
61) 4-Chlorophenyl-phenyle...	15.275	204	663093	42.60	ng		99
62) 4-Nitroaniline	15.304	138	304903	39.33	ng	#	77
63) Azobenzene	15.569	77	1220651	49.92	ng		93
65) 4,6-Dinitro-2-methylph...	15.381	198	223961	49.42	ng		98
66) n-Nitrosodiphenylamine	15.492	169	1188696	47.12	ng		100
67) 4-Bromophenyl-phenylether	16.169	248	453833	43.72	ng		95
68) Hexachlorobenzene	16.292	284	513854	41.67	ng		95
69) Atrazine	16.457	200	345117	34.88	ng		100
70) Pentachlorophenol	16.639	266	521692	96.98	ng		100
71) Phenanthrene	17.016	178	2149860	46.01	ng		99
72) Anthracene	17.110	178	2161445	46.94	ng		100
73) Carbazole	17.381	167	2033763	46.50	ng		99
74) Di-n-butylphthalate	17.951	149	2514407	44.97	ng	#	98
75) Fluoranthene	18.998	202	2601041	44.27	ng		98
77) Benzidine	19.181	184	913485	34.81	ng		99
78) Pyrene	19.351	202	2652240	50.25	ng		100
80) Butylbenzylphthalate	20.233	149	1195539	49.51	ng		89
81) Benzo(a)anthracene	21.057	228	2579104	47.14	ng		100
82) 3,3'-Dichlorobenzidine	20.992	252	453812	21.46	ng		98
83) Chrysene	21.110	228	2441497	46.45	ng		99
84) Bis(2-ethylhexyl)phtha...	20.998	149	1704325	50.13	ng		100
85) Di-n-octyl phthalate	21.857	149	3025035	48.70	ng		98
87) Indeno(1,2,3-cd)pyrene	25.504	276	2615612	40.29	ng		98
88) Benzo(b)fluoranthene	22.610	252	2771959	51.25	ng		99
89) Benzo(k)fluoranthene	22.657	252	2501333	48.25	ng		99
90) Benzo(a)pyrene	23.174	252	2351030	46.09	ng		99
91) Dibenzo(a,h)anthracene	25.510	278	2212113	41.29	ng		99
92) Benzo(g,h,i)perylene	26.174	276	2149219	40.18	ng		99

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

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