Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003345.D
Acq On : 22 Sep 2020 18:37
Operator : CG/JU
Sample : L3869-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-091820MSD

Manual Integrations APPROVED
mohammad
9/23/2020 10:44:01 AM

Quant Time: Sep 22 20:47:59 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	163094	20.00	ng		0.00
21) Naphthalene-d8	10.346	136	657911	20.00	ng		# 0.00
39) Acenaphthene-d10	14.222	164	400588	20.00	ng		0.00
64) Phenanthrene-d10	16.975	188	882358	20.00	ng		# 0.00
76) Chrysene-d12	21.074	240	871610	20.00	ng		0.00
86) Perylene-d12	23.262	264	897554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.193	112	1186928	127.08	ng		0.01
7) Phenol-d6	6.775	99	1376472	110.56	ng		0.00
23) Nitrobenzene-d5	8.722	82	1088220	97.17	ng		0.00
42) 2,4,6-Tribromophenol	15.722	330	727391	119.05	ng		0.00
45) 2-Fluorobiphenyl	12.840	172	2444149	89.24	ng		0.00
79) Terphenyl-d14	19.557	244	3540150	84.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.116	88	145237	37.84	ng	#	71
3) Pyridine	3.505	79	386772	37.85	ng		92
4) n-Nitrosodimethylamine	3.411	42	140775	46.05	ng		99
6) Aniline	6.905	93	389531	27.25	ng		95
8) 2-Chlorophenol	7.146	128	515650	49.57	ng		93
9) Benzaldehyde	6.716	77	144324	20.79	ng		89
10) Phenol	6.799	94	562975	47.34	ng		91
11) bis(2-Chloroethyl)ether	7.005	93	481677	51.12	ng		97
12) 1,3-Dichlorobenzene	7.463	146	517696	41.62	ng	#	96
13) 1,4-Dichlorobenzene	7.604	146	529273	42.07	ng		96
14) 1,2-Dichlorobenzene	7.922	146	514542	42.61	ng		97
15) Benzyl Alcohol	7.816	79	455902	55.10	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.110	45	356618	52.05	ng		91
17) 2-Methylphenol	8.034	107	426902	49.65	ng		96
18) Hexachloroethane	8.640	117	197065	42.04	ng		95
19) n-Nitroso-di-n-propyla...	8.381	70	330753	49.59	ng		96
20) 3+4-Methylphenols	8.363	107	562860	49.19	ng		95
22) Acetophenone	8.393	105	748440	46.32	ng	#	96
24) Nitrobenzene	8.763	77	552793	49.33	ng		87
25) Isophorone	9.293	82	1036634	50.51	ng		94
26) 2-Nitrophenol	9.469	139	289171	47.25	ng	#	83
27) 2,4-Dimethylphenol	9.551	122	476740	55.08	ng		92
28) bis(2-Chloroethoxy)met...	9.775	93	642202	47.01	ng		98
29) 2,4-Dichlorophenol	10.016	162	505877	46.77	ng		96
30) 1,2,4-Trichlorobenzene	10.216	180	518519	40.41	ng		98
31) Naphthalene	10.398	128	1548464	44.56	ng		99
32) Benzoic acid	9.763	122	238189	40.28	ng	#	83
33) 4-Chloroaniline	10.522	127	92156	6.24	ng	#	94
34) Hexachlorobutadiene	10.693	225	326100	37.23	ng		99
35) Caprolactam	11.298	113	134383m	37.23	ng		
36) 4-Chloro-3-methylphenol	11.675	107	556140	47.69	ng		90
37) 2-Methylnaphthalene	12.022	142	1117513	44.38	ng		97
38) 1-Methylnaphthalene	12.245	142	1042682	43.62	ng		100
40) 1,2,4,5-Tetrachloroben...	12.404	216	589983	44.98	ng		99
41) Hexachlorocyclopentadiene	12.387	237	402052	83.27	ng		100
43) 2,4,6-Trichlorophenol	12.651	196	403600	47.60	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	426827	48.93	ng	#	96
46) 1,1'-Biphenyl	13.051	154	1417424	47.44	ng		99
47) 2-Chloronaphthalene	13.087	162	1101438	44.52	ng		96
48) 2-Nitroaniline	13.298	65	300317	47.96	ng	#	81
49) Acenaphthylene	13.939	152	1765096	46.69	ng		99
50) Dimethylphthalate	13.692	163	1609185	50.31	ng		100
51) 2,6-Dinitrotoluene	13.804	165	332734	48.53	ng	#	80
52) Acenaphthene	14.287	154	1055236	45.87	ng		100
53) 3-Nitroaniline	14.134	138	148062	19.93	ng	#	79
54) 2,4-Dinitrophenol	14.357	184	294970	89.93	ng	#	88
55) Dibenzofuran	14.628	168	1677653	45.69	ng		97
56) 4-Nitrophenol	14.481	139	447228	98.48	ng	#	73
57) 2,4-Dinitrotoluene	14.604	165	456792	48.04	ng	#	79
58) Fluorene	15.281	166	1315476	45.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.863	232	382138	46.59	ng		98
60) Diethylphthalate	15.063	149	1490034	45.67	ng		100
61) 4-Chlorophenyl-phenyle...	15.275	204	680989	43.01	ng		99
62) 4-Nitroaniline	15.304	138	318180	40.35	ng		80
63) Azobenzene	15.569	77	1251692	50.32	ng		93
65) 4,6-Dinitro-2-methylph...	15.381	198	231419	49.70	ng		96
66) n-Nitrosodiphenylamine	15.492	169	1226314	47.31	ng		99
67) 4-Bromophenyl-phenylether	16.169	248	471742	44.23	ng		95
68) Hexachlorobenzene	16.292	284	526793	41.58	ng		95
69) Atrazine	16.457	200	355778	34.99	ng		100
70) Pentachlorophenol	16.639	266	542166	98.02	ng		99
71) Phenanthrene	17.016	178	2215996	46.16	ng		99
72) Anthracene	17.110	178	2235489	47.25	ng		99
73) Carbazole	17.386	167	2087543	46.45	ng		99
74) Di-n-butylphthalate	17.951	149	2568977	44.72	ng	#	98
75) Fluoranthene	18.998	202	2697114	44.68	ng		99
77) Benzidine	19.180	184	949871	35.14	ng		99
78) Pyrene	19.351	202	2717704	50.00	ng		100
80) Butylbenzylphthalate	20.233	149	1219267	49.03	ng		91
81) Benzo(a)anthracene	21.057	228	2644376	46.93	ng		100
82) 3,3'-Dichlorobenzidine	20.992	252	476425	21.88	ng		100
83) Chrysene	21.110	228	2507711	46.33	ng		99
84) Bis(2-ethylhexyl)phtha...	20.998	149	1733792	49.52	ng		99
85) Di-n-octyl phthalate	21.857	149	3096785	48.41	ng		98
87) Indeno(1,2,3-cd)pyrene	25.504	276	2756853	40.52	ng		98
88) Benzo(b)fluoranthene	22.610	252	2859902	50.46	ng		99
89) Benzo(k)fluoranthene	22.657	252	2628082	48.38	ng		99
90) Benzo(a)pyrene	23.174	252	2459567	46.02	ng		99
91) Dibenzo(a,h)anthracene	25.509	278	2322976	41.38	ng		99
92) Benzo(g,h,i)perylene	26.180	276	2272448	40.55	ng		98

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

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