Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003068.D
Acq On : 20 Aug 2020 16:48
Operator : CG/JU
Sample : L3499-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MS

Manual Integrations APPROVED
mohammad
8/21/2020 12:50:42 PM

Quant Time: Aug 20 17:57:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	161978	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	655166	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	388448	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	779674	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1012233	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1310520	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1080803	102.12	ng	0.00
7) Phenol-d6	6.86	99	1188085	80.86	ng	0.00
23) Nitrobenzene-d5	8.82	82	794014	65.64	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	621749	128.78	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2238570	78.74	ng	-0.01
79) Terphenyl-d14	19.65	244	3397614	67.20	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	129726	28.555	ng	# 56
3) Pyridine	3.62	79	268266	21.195	ng	100
4) n-Nitrosodimethylamine	3.52	42	111348	29.948	ng	95
6) Aniline	7.00	93	409973	24.049	ng	100
8) 2-Chlorophenol	7.25	128	506023	44.843	ng	99
9) Benzaldehyde	6.82	77	231534	29.595	ng	99
10) Phenol	6.89	94	471742	31.878	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	400731	35.207	ng	99
12) 1,3-Dichlorobenzene	7.57	146	491928	38.624	ng	99
13) 1,4-Dichlorobenzene	7.72	146	503472	39.109	ng	100
14) 1,2-Dichlorobenzene	8.03	146	491775	40.057	ng	100
15) Benzyl Alcohol	7.92	79	345540	35.641	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	312845	29.256	ng	99
17) 2-Methylphenol	8.13	107	378339	40.009	ng	99
18) Hexachloroethane	8.75	117	156623	34.881	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	255062	30.126	ng	99
20) 3+4-Methylphenols	8.45	107	506355	39.731	ng	98
22) Acetophenone	8.49	105	665311	35.992	ng	# 98
24) Nitrobenzene	8.86	77	409922	31.215	ng	98
25) Isophorone	9.39	82	795532	30.613	ng	99
26) 2-Nitrophenol	9.58	139	260052	47.494	ng	98
27) 2,4-Dimethylphenol	9.65	122	448389	43.327	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	513786	35.438	ng	98
29) 2,4-Dichlorophenol	10.11	162	475439	43.651	ng	98
30) 1,2,4-Trichlorobenzene	10.33	180	485678	38.145	ng	99
31) Naphthalene	10.51	128	1614571	43.050	ng	99
32) Benzoic acid	9.78	122	229234	39.318	ng	98
33) 4-Chloroaniline	10.62	127	263588	16.959	ng	99
34) Hexachlorobutadiene	10.81	225	267549	34.338	ng	99
35) Caprolactam	11.37	113	124643	36.985	ng	95
36) 4-Chloro-3-methylphenol	11.75	107	460168	40.643	ng	97
37) 2-Methylnaphthalene	12.13	142	1090518	40.877	ng	99
38) 1-Methylnaphthalene	12.35	142	1019823	40.609	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	537344	38.475	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	396501	54.726	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	362564	44.791	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	404884	45.596	ng	97
46) 1,1'-Biphenyl	13.15	154	1342749	41.814	ng	100
47) 2-Chloronaphthalene	13.19	162	1029179	40.928	ng	99
48) 2-Nitroaniline	13.39	65	223910	36.716	ng	95
49) Acenaphthylene	14.04	152	1680840	42.622	ng	99
50) Dimethylphthalate	13.78	163	1367447	45.009	ng	100
51) 2,6-Dinitrotoluene	13.89	165	297780	43.753	ng	100
52) Acenaphthene	14.38	154	1011217	39.895	ng	99
53) 3-Nitroaniline	14.22	138	216604	31.340	ng	98
54) 2,4-Dinitrophenol	14.43	184	179570	64.027	ng	99
55) Dibenzofuran	14.72	168	1627428	41.859	ng	98
56) 4-Nitrophenol	14.54	139	542933	100.778	ng	97
57) 2,4-Dinitrotoluene	14.68	165	429334	47.602	ng	99
58) Fluorene	15.37	166	1291961	42.442	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	363156	49.015	ng	99
60) Diethylphthalate	15.16	149	1325574	44.651	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	620047	39.578	ng	99
62) 4-Nitroaniline	15.38	138	310078	44.185	ng	96
63) Azobenzene	15.66	77	922446	30.864	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	147979	38.090	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1147830	44.452	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	406609	42.866	ng	98
68) Hexachlorobenzene	16.39	284	486503	44.343	ng	97
69) Atrazine	16.55	200	362072	41.387	ng	98
70) Pentachlorophenol	16.73	266	631135	110.933	ng	100
71) Phenanthrene	17.12	178	2010450	43.973	ng	98
72) Anthracene	17.20	178	2017560	45.151	ng	99
73) Carbazole	17.47	167	2005997	45.968	ng	99
74) Di-n-butylphthalate	18.05	149	2313773	50.403	ng	99
75) Fluoranthene	19.09	202	2670874	50.704	ng	97
77) Benzidine	19.27	184	710079	23.005	ng	99
78) Pyrene	19.44	202	2810502	39.718	ng	99
80) Butylbenzylphthalate	20.33	149	1224534	42.944	ng	99
81) Benzo(a)anthracene	21.15	228	3003353	43.559	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1068949	39.170	ng	99
83) Chrysene	21.20	228	2839958	43.665	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	1685541	43.040	ng	98
85) Di-n-octyl phthalate	21.97	149	2972666	46.206	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4721142	44.983	ng	97
88) Benzo(b)fluoranthene	22.74	252	3417683m	36.956	ng	
89) Benzo(k)fluoranthene	22.78	252	3320473	37.987	ng	98
90) Benzo(a)pyrene	23.32	252	3267285	39.099	ng	98
91) Dibenzo(a,h)anthracene	25.72	278	3899397	43.653	ng	98
92) Benzo(g,h,i)perylene	26.40	276	3866936	44.766	ng	97

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

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