Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002884.D
Acq On : 30 Jul 2020 19:33
Operator : CG/JU
Sample : L3473-09MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-DMSD

Manual Integrations APPROVED
Sohil
7/31/2020 12:10:59 PM

Quant Time: Jul 31 01:24:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	541198	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1960170	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	1041562	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	1916227	20.00	ng		0.00
76) Chrysene-d12	21.20	240	1718450	20.00	ng		0.00
86) Perylene-d12	23.46	264	2032975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	4320272	122.18	ng		0.00
7) Phenol-d6	6.89	99	5333288	108.63	ng		0.00
23) Nitrobenzene-d5	8.86	82	3288679	90.87	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	1478927	114.24	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	6506806	85.35	ng		0.00
79) Terphenyl-d14	19.68	244	6801857	79.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	671887	44.264	ng		100
3) Pyridine	3.65	79	1707666	40.380	ng		99
4) n-Nitrosodimethylamine	3.56	42	568006	45.724	ng		98
6) Aniline	7.05	93	1856047	32.586	ng		100
8) 2-Chlorophenol	7.29	128	1696836	45.006	ng		99
9) Benzaldehyde	6.86	77	1222809	46.781	ng		99
10) Phenol	6.92	94	2158838	43.662	ng		98
11) bis(2-Chloroethyl)ether	7.15	93	1733190	45.574	ng		99
12) 1,3-Dichlorobenzene	7.61	146	1942289	45.643	ng		100
13) 1,4-Dichlorobenzene	7.75	146	1954628	45.442	ng		99
14) 1,2-Dichlorobenzene	8.07	146	1861031	45.370	ng		100
15) Benzyl Alcohol	7.95	79	1408332	43.477	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1600922	44.808	ng		99
17) 2-Methylphenol	8.16	107	1396280	44.193	ng		100
18) Hexachloroethane	8.80	117	710156	47.335	ng		99
19) n-Nitroso-di-n-propylamine	8.52	70	1188316	42.008	ng		99
20) 3+4-Methylphenols	8.49	107	1835775	43.111	ng		99
22) Acetophenone	8.53	105	2483233	44.901	ng	#	99
24) Nitrobenzene	8.90	77	1753883	44.639	ng		99
25) Isophorone	9.43	82	3228549	41.525	ng		99
26) 2-Nitrophenol	9.61	139	725945	44.616	ng		98
27) 2,4-Dimethylphenol	9.68	122	1474826	47.633	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	2096657	48.336	ng		99
29) 2,4-Dichlorophenol	10.15	162	1440332	44.200	ng		100
30) 1,2,4-Trichlorobenzene	10.36	180	1714632	45.011	ng		100
31) Naphthalene	10.55	128	4863896	43.347	ng		100
32) Benzoic acid	9.81	122	681690	39.127	ng		99
33) 4-Chloroaniline	10.65	127	323966	6.967	ng		99
34) Hexachlorobutadiene	10.85	225	1040025	44.614	ng		99
35) Caprolactam	11.40	113	415555m	41.214	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1395176	41.187	ng		98
37) 2-Methylnaphthalene	12.17	142	3359474	42.090	ng		99
38) 1-Methylnaphthalene	12.39	142	3113436	41.438	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1761660	47.043	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	2196397	113.060	ng	98
43) 2,4,6-Trichlorophenol	12.78	196	1005158	46.312	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1084186	45.536	ng	99
46) 1,1'-Biphenyl	13.19	154	3998449	46.437	ng	100
47) 2-Chloronaphthalene	13.22	162	3036888	45.041	ng	99
48) 2-Nitroaniline	13.42	65	719784	43.229	ng	99
49) Acenaphthylene	14.08	152	4743987	44.864	ng	100
50) Dimethylphthalate	13.82	163	4596490	56.424	ng	99
51) 2,6-Dinitrotoluene	13.92	165	733072	40.408	ng	98
52) Acenaphthene	14.42	154	3117172	45.866	ng	100
53) 3-Nitroaniline	14.25	138	298647	17.706	ng	99
54) 2,4-Dinitrophenol	14.45	184	521430	68.669	ng	92
55) Dibenzofuran	14.76	168	4352507	41.751	ng	100
56) 4-Nitrophenol	14.56	139	1223924	84.727	ng	98
57) 2,4-Dinitrotoluene	14.71	165	939547	39.550	ng	96
58) Fluorene	15.40	166	3388014	41.509	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	864730	43.528	ng	99
60) Diethylphthalate	15.20	149	3347752	42.056	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1805098	42.971	ng	99
62) 4-Nitroaniline	15.42	138	650867	35.114	ng	99
63) Azobenzene	15.70	77	3280002	40.929	ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	372019	38.804	ng	100
66) n-Nitrosodiphenylamine	15.62	169	2913511	45.909	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	1102328	47.284	ng	97
68) Hexachlorobenzene	16.42	284	1232176	45.696	ng	99
69) Atrazine	16.58	200	855376	39.783	ng	100
70) Pentachlorophenol	16.76	266	1328034	94.976	ng	98
71) Phenanthrene	17.15	178	5213523	46.398	ng	100
72) Anthracene	17.24	178	5077323	46.232	ng	99
73) Carbazole	17.50	167	4455921	41.546	ng	100
74) Di-n-butylphthalate	18.09	149	5295636	46.937	ng	99
75) Fluoranthene	19.12	202	5931401	45.815	ng	99
77) Benzidine	19.30	184	2895346	55.253	ng	99
78) Pyrene	19.47	202	5989126	49.855	ng	99
80) Butylbenzylphthalate	20.37	149	2151179	44.332	ng	97
81) Benzo(a)anthracene	21.18	228	5510573	47.078	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	1460611	31.526	ng	98
83) Chrysene	21.23	228	5105027	46.234	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	3170477	47.687	ng	99
85) Di-n-octyl phthalate	22.03	149	5321497	48.723	ng	100
87) Indeno(1,2,3-cd)pyrene	25.78	276	8469783	52.021	ng	100
88) Benzo(b)fluoranthene	22.79	252	6503341	45.331	ng	100
89) Benzo(k)fluoranthene	22.83	252	5821627	42.933	ng	99
90) Benzo(a)pyrene	23.37	252	5979011	46.124	ng	100
91) Dibenzo(a,h)anthracene	25.80	278	6908464	49.855	ng	99
92) Benzo(g,h,i)perylene	26.49	276	7090618	52.915	ng	100

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

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