Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
Data File : BP003115.D
Acq On : 26 Aug 2020 15:45
Operator : CG/JU
Sample : L3793-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
mohammad
8/27/2020 3:14:44 PM

Quant Time: Aug 26 16:22:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	242656	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	949155	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	580092	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1274240	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1395533	20.00	ng	0.00
86) Perylene-d12	23.39	264	1775480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1164420	84.84	ng	0.00
7) Phenol-d6	6.85	99	1382121	80.33	ng	0.00
23) Nitrobenzene-d5	8.81	82	792864	60.22	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	674933	86.03	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2247572	56.74	ng	0.00
79) Terphenyl-d14	19.64	244	3262828	51.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	186984	35.636	ng	100
3) Pyridine	3.59	79	447580	32.413	ng	99
4) n-Nitrosodimethylamine	3.50	42	157474	43.671	ng	93
6) Aniline	6.99	93	573522	30.617	ng	99
8) 2-Chlorophenol	7.23	128	710009	46.403	ng	99
9) Benzaldehyde	6.80	77	305758	38.119	ng	99
10) Phenol	6.87	94	747713	46.896	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	538483	42.670	ng	99
12) 1,3-Dichlorobenzene	7.56	146	760713	40.889	ng	99
13) 1,4-Dichlorobenzene	7.70	146	779299	41.492	ng	99
14) 1,2-Dichlorobenzene	8.02	146	745739	41.881	ng	99
15) Benzyl Alcohol	7.90	79	462726	47.735	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	424694	39.712	ng	100
17) 2-Methylphenol	8.11	107	532053	46.842	ng	99
18) Hexachloroethane	8.74	117	253234	41.213	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	336569	43.299	ng	99
20) 3+4-Methylphenols	8.44	107	710504	46.426	ng	98
22) Acetophenone	8.48	105	879320	41.600	ng	100
24) Nitrobenzene	8.85	77	556809	43.058	ng	100
25) Isophorone	9.37	82	1046985	45.070	ng	100
26) 2-Nitrophenol	9.56	139	373888	48.509	ng	100
27) 2,4-Dimethylphenol	9.63	122	609952	52.642	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	693311	40.070	ng	99
29) 2,4-Dichlorophenol	10.10	162	662225	46.067	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	701663	40.994	ng	99
31) Naphthalene	10.49	128	2063440	42.314	ng	100
32) Benzoic acid	9.79	122	392462	44.574	ng	95
33) 4-Chloroaniline	10.60	127	337263	16.553	ng	99
34) Hexachlorobutadiene	10.80	225	406306	39.553	ng	99
35) Caprolactam	11.37	113	214095m	49.560	ng	
36) 4-Chloro-3-methylphenol	11.75	107	624158	46.502	ng	99
37) 2-Methylnaphthalene	12.12	142	1497972	42.941	ng	100
38) 1-Methylnaphthalene	12.33	142	1416545	42.723	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	738070	42.927	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	867180	106.696 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	511460	45.241 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	570432	47.702 ng	97
46) 1,1'-Biphenyl	13.14	154	1894849	43.548 ng	99
47) 2-Chloronaphthalene	13.17	162	1444520	40.557 ng	99
48) 2-Nitroaniline	13.37	65	300493	45.060 ng	99
49) Acenaphthylene	14.03	152	2400090	44.565 ng	100
50) Dimethylphthalate	13.77	163	2033890	45.977 ng	100
51) 2,6-Dinitrotoluene	13.88	165	419988	45.681 ng	98
52) Acenaphthene	14.37	154	1368351	41.357 ng	99
53) 3-Nitroaniline	14.21	138	254597	24.442 ng	100
54) 2,4-Dinitrophenol	14.42	184	449223	88.529 ng	98
55) Dibenzofuran	14.71	168	2202952	42.395 ng	99
56) 4-Nitrophenol	14.54	139	809811	108.062 ng	98
57) 2,4-Dinitrotoluene	14.67	165	590928	47.802 ng	99
58) Fluorene	15.36	166	1694495	42.333 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	510242	47.161 ng	99
60) Diethylphthalate	15.15	149	1843954	42.487 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	842787	40.772 ng	99
62) 4-Nitroaniline	15.38	138	445509	41.607 ng	97
63) Azobenzene	15.66	77	1233188	42.812 ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	328467	53.901 ng	99
66) n-Nitrosodiphenylamine	15.57	169	1581394	42.443 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	575819	40.945 ng	99
68) Hexachlorobenzene	16.37	284	684382	40.875 ng	99
69) Atrazine	16.53	200	528226	42.034 ng	98
70) Pentachlorophenol	16.72	266	922494	115.218 ng	98
71) Phenanthrene	17.10	178	2885520	41.791 ng	99
72) Anthracene	17.20	178	2961713	44.819 ng	100
73) Carbazole	17.46	167	2861497	45.120 ng	100
74) Di-n-butylphthalate	18.04	149	3317763	44.502 ng	100
75) Fluoranthene	19.08	202	3585462	44.930 ng	99
77) Benzidine	19.26	184	2047862	64.207 ng	100
78) Pyrene	19.43	202	3635861	40.142 ng	99
80) Butylbenzylphthalate	20.32	149	1621617	43.484 ng	97
81) Benzo(a)anthracene	21.14	228	3734237	42.719 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	979930	30.476 ng	100
83) Chrysene	21.19	228	3475409	41.524 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2282409	42.380 ng	99
85) Di-n-octyl phthalate	21.96	149	4153389	44.981 ng	99
87) Indeno(1,2,3-cd)pyrene	25.68	276	5469417	41.308 ng	98
88) Benzo(b)fluoranthene	22.72	252	4392325	39.803 ng	99
89) Benzo(k)fluoranthene	22.77	252	4050090	38.413 ng	99
90) Benzo(a)pyrene	23.30	252	4046498	39.526 ng	99
91) Dibenzo(a,h)anthracene	25.69	278	4498021	41.354 ng	99
92) Benzo(g,h,i)perylene	26.37	276	4712519	43.173 ng	99

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

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