Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003154.D
Acq On : 28 Aug 2020 17:07
Operator : CG/JU
Sample : L3498-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-06-082620MSD

Manual Integrations APPROVED
mohammad
8/31/2020 10:28:08 AM

Quant Time: Aug 28 18:18:00 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	234729	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	923452	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	568963	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1243109	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1298666	20.00	ng	0.00
86) Perylene-d12	23.38	264	1086500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1636647	123.28	ng	0.00
7) Phenol-d6	6.85	99	1892201	113.69	ng	0.00
23) Nitrobenzene-d5	8.81	82	1135957	88.68	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1014935	131.89	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3193789	82.20	ng	0.00
79) Terphenyl-d14	19.63	244	4680221	79.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	170443	33.581	ng	# 57
4) n-Nitrosodimethylamine	3.52	42	152014	43.580	ng	87
8) 2-Chlorophenol	7.23	128	698468	47.191	ng	99
9) Benzaldehyde	6.80	77	222124	28.627	ng	99
10) Phenol	6.88	94	703119	45.588	ng	95
11) bis(2-Chloroethyl)ether	7.09	93	524500	42.966	ng	99
12) 1,3-Dichlorobenzene	7.56	146	664409	36.919	ng	99
13) 1,4-Dichlorobenzene	7.70	146	683277	37.608	ng	98
14) 1,2-Dichlorobenzene	8.01	146	657705	38.184	ng	99
15) Benzyl Alcohol	7.90	79	385652	41.127	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	412049	39.831	ng	99
17) 2-Methylphenol	8.11	107	526110	47.883	ng	99
18) Hexachloroethane	8.73	117	215748	36.298	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	343773	45.719	ng	99
20) 3+4-Methylphenols	8.44	107	706681	47.735	ng	99
22) Acetophenone	8.48	105	882717	42.923	ng	100
24) Nitrobenzene	8.85	77	547371	43.506	ng	99
25) Isophorone	9.38	82	1057235	46.778	ng	99
26) 2-Nitrophenol	9.56	139	372632	49.691	ng	96
27) 2,4-Dimethylphenol	9.63	122	613688	54.438	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	662411	39.350	ng	99
29) 2,4-Dichlorophenol	10.10	162	668373	47.789	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	644630	38.710	ng	99
31) Naphthalene	10.49	128	1937769	40.843	ng	100
32) Benzoic acid	9.80	122	419368	48.072	ng	96
34) Hexachlorobutadiene	10.79	225	368917	36.913	ng	99
35) Caprolactam	11.37	113	172390m	41.017	ng	
36) 4-Chloro-3-methylphenol	11.75	107	637238	48.798	ng	99
37) 2-Methylnaphthalene	12.11	142	1451314	42.762	ng	100
38) 1-Methylnaphthalene	12.33	142	1374056	42.595	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	723547	42.906	ng	99
41) Hexachlorocyclopentadiene	12.48	237	870517	109.202	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	529309	47.735	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	584587	49.842	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.13	154	1858460	43.547	ng	99
47) 2-Chloronaphthalene	13.17	162	1426426	40.833	ng	100
48) 2-Nitroaniline	13.37	65	274759	42.007	ng	96
49) Acenaphthylene	14.02	152	2345426	44.401	ng	100
50) Dimethylphthalate	13.77	163	2142710	49.384	ng	100
51) 2,6-Dinitrotoluene	13.88	165	426385	47.284	ng	98
52) Acenaphthene	14.37	154	1380663	42.545	ng	99
53) 3-Nitroaniline	14.20	138	44358	4.342	ng	93
54) 2,4-Dinitrophenol	14.42	184	512186	101.651	ng	99
55) Dibenzofuran	14.70	168	2202224	43.210	ng	99
56) 4-Nitrophenol	14.53	139	783540	106.601	ng	97
57) 2,4-Dinitrotoluene	14.67	165	592587	48.874	ng	97
58) Fluorene	15.36	166	1699106	43.278	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	526091	49.577	ng	99
60) Diethylphthalate	15.14	149	1880118	44.167	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	862068	42.520	ng	100
62) 4-Nitroaniline	15.37	138	285111	27.148	ng	98
63) Azobenzene	15.65	77	1224747	43.350	ng	96
65) 4,6-Dinitro-2-methylphenol	15.44	198	345062	58.042	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1015033	27.925	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	590851	43.066	ng	99
68) Hexachlorobenzene	16.37	284	699591	42.830	ng	98
69) Atrazine	16.53	200	302132	24.645	ng	100
70) Pentachlorophenol	16.72	266	924806	118.399	ng	98
71) Phenanthrene	17.10	178	2868821	42.590	ng	100
72) Anthracene	17.19	178	2920461	45.302	ng	100
73) Carbazole	17.46	167	1871475	30.248	ng	100
74) Di-n-butylphthalate	18.03	149	3288936	45.220	ng	100
75) Fluoranthene	19.07	202	3486717	44.786	ng	99
78) Pyrene	19.43	202	3561165	42.250	ng	99
80) Butylbenzylphthalate	20.31	149	1576153	45.417	ng	97
81) Benzo(a)anthracene	21.13	228	3550801	43.650	ng	99
83) Chrysene	21.19	228	3351954	43.036	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2275811	45.409	ng	99
85) Di-n-octyl phthalate	21.95	149	4005775	46.618	ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	4346944	53.649	ng	98
88) Benzo(b)fluoranthene	22.71	252	3916005	57.989	ng	99
89) Benzo(k)fluoranthene	22.76	252	3777274	58.544	ng	99
90) Benzo(a)pyrene	23.29	252	3436712	54.857	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	3724923	55.963	ng	98
92) Benzo(g,h,i)perylene	26.36	276	3594368	53.810	ng	98

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

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