Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002502.D
Acq On : 23 Jun 2020 14:43
Operator : CG/JU
Sample : L3079-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JFK-SB-01-0.0-72.0MSD

Quant Time: Jun 23 15:13:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	146030	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	570490	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	330755	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	704932	20.00	ng		0.00
76) Chrysene-d12	21.10	240	680790	20.00	ng		-0.01
86) Perylene-d12	23.30	264	777228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	969273	122.82	ng		0.00
7) Phenol-d6	6.78	99	1251162	119.08	ng		0.00
23) Nitrobenzene-d5	8.73	82	825331	86.40	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	397766	125.61	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1630678	82.90	ng		0.00
79) Terphenyl-d14	19.58	244	2394011	93.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	173461	47.717	ng		98
3) Pyridine	3.54	79	476050	48.182	ng		98
4) n-Nitrosodimethylamine	3.46	42	217133	53.328	ng		96
6) Aniline	6.92	93	381587	26.704	ng		99
8) 2-Chlorophenol	7.16	128	453881	51.151	ng		98
9) Benzaldehyde	6.73	77	225142	40.735	ng		97
10) Phenol	6.80	94	583295	51.186	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	455210	47.844	ng		99
12) 1,3-Dichlorobenzene	7.48	146	488882	47.846	ng		97
13) 1,4-Dichlorobenzene	7.62	146	491553	47.816	ng		99
14) 1,2-Dichlorobenzene	7.93	146	467182	47.441	ng		98
15) Benzyl Alcohol	7.83	79	391046	48.018	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	619129	45.862	ng		99
17) 2-Methylphenol	8.04	107	379601	45.587	ng		98
18) Hexachloroethane	8.66	117	185507	49.533	ng		97
19) n-Nitroso-di-n-propylamine	8.39	70	332476	47.340	ng		98
20) 3+4-Methylphenols	8.36	107	508760	45.271	ng		98
22) Acetophenone	8.40	105	633250	49.407	ng	#	98
24) Nitrobenzene	8.78	77	526076	51.230	ng		98
25) Isophorone	9.30	82	943472	48.492	ng		100
26) 2-Nitrophenol	9.48	139	240121	52.476	ng		99
27) 2,4-Dimethylphenol	9.56	122	380040	52.941	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	586946	50.648	ng		99
29) 2,4-Dichlorophenol	10.02	162	406969	50.363	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	444261	49.322	ng		96
31) Naphthalene	10.41	128	1312270	49.513	ng		100
32) Benzoic acid	9.72	122	248578	42.577	ng		99
33) 4-Chloroaniline	10.52	127	169487	14.648	ng		100
34) Hexachlorobutadiene	10.71	225	258772	49.230	ng		98
35) Caprolactam	11.29	113	139029	48.781	ng		98
36) 4-Chloro-3-methylphenol	11.67	107	444374	50.824	ng		98
37) 2-Methylnaphthalene	12.03	142	936057	49.759	ng		99
38) 1-Methylnaphthalene	12.25	142	874768	49.543	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	448133	51.398	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	464322	100.171 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	316662	51.319 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	347925	48.694 ng	98
46) 1,1'-Biphenyl	13.06	154	1129642	52.112 ng	99
47) 2-Chloronaphthalene	13.10	162	889855	50.185 ng	99
48) 2-Nitroaniline	13.30	65	298193	52.681 ng	96
49) Acenaphthylene	13.95	152	1413309	49.939 ng	99
50) Dimethylphthalate	13.70	163	1290353	56.936 ng	100
51) 2,6-Dinitrotoluene	13.81	165	246598	50.103 ng	92
52) Acenaphthene	14.30	154	835165	50.375 ng	99
53) 3-Nitroaniline	14.14	138	126183	22.452 ng	100
54) 2,4-Dinitrophenol	14.36	184	252235	86.695 ng	99
55) Dibenzofuran	14.64	168	1312730	49.179 ng	98
56) 4-Nitrophenol	14.47	139	436098	97.731 ng	91
57) 2,4-Dinitrotoluene	14.61	165	334104	49.870 ng	98
58) Fluorene	15.29	166	984444	46.889 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	294354	51.897 ng	100
60) Diethylphthalate	15.08	149	1085617	47.807 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	493699	49.544 ng	99
62) 4-Nitroaniline	15.31	138	245104	45.390 ng	95
63) Azobenzene	15.59	77	1159498	51.296 ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	187882	50.508 ng	96
66) n-Nitrosodiphenylamine	15.51	169	924298	51.327 ng	100
67) 4-Bromophenyl-phenylether	16.19	248	321983	48.216 ng	99
68) Hexachlorobenzene	16.30	284	358089	50.533 ng	95
69) Atrazine	16.47	200	310049	52.779 ng	99
70) Pentachlorophenol	16.65	266	430221	101.479 ng	99
71) Phenanthrene	17.03	178	1746692	52.970 ng	100
72) Anthracene	17.13	178	1729291	52.790 ng	99
73) Carbazole	17.40	167	1596454	49.541 ng	100
74) Di-n-butylphthalate	17.98	149	1947177	51.059 ng	100
75) Fluoranthene	19.02	202	2191619	55.679 ng	99
77) Benzidine	19.20	184	896836	58.955 ng	99
78) Pyrene	19.37	202	2211876	53.042 ng	98
80) Butylbenzylphthalate	20.27	149	914362	49.326 ng	100
81) Benzo(a)anthracene	21.09	228	2028775	52.208 ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	469133	32.485 ng	100
83) Chrysene	21.14	228	1943172	52.780 ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1323398	49.079 ng	99
85) Di-n-octyl phthalate	21.90	149	2346364	49.611 ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2582855	53.131 ng	99
88) Benzo(b)fluoranthene	22.64	252	2252134	53.733 ng	99
89) Benzo(k)fluoranthene	22.69	252	2047943	51.425 ng	99
90) Benzo(a)pyrene	23.21	252	2023077	51.506 ng	100
91) Dibenzo(a,h)anthracene	25.54	278	2065307	52.963 ng	100
92) Benzo(g,h,i)perylene	26.20	276	2163783	53.576 ng	98

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

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