Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002709.D
Acq On : 09 Jul 2020 21:55
Operator : CG/JU
Sample : L3183-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-070720MSD

Quant Time: Jul 10 01:02:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	69575	20.00	ng		-0.01
21) Naphthalene-d8	10.33	136	334163	20.00	ng		-0.01
39) Acenaphthene-d10	14.22	164	238503	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	600468	20.00	ng		0.00
76) Chrysene-d12	21.09	240	776830	20.00	ng		0.00
86) Perylene-d12	23.27	264	921552	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	639497	155.62	ng		0.00
7) Phenol-d6	6.77	99	837410	146.00	ng		0.00
23) Nitrobenzene-d5	8.71	82	603713	93.09	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	414537	142.90	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	1414406	87.28	ng		-0.01
79) Terphenyl-d14	19.56	244	2994801	83.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	68678	38.994	ng	#	33
3) Pyridine	3.53	79	226343	43.362	ng		99
4) n-Nitrosodimethylamine	3.43	42	106709	48.159	ng	#	91
6) Aniline	6.90	93	300157	41.658	ng		98
8) 2-Chlorophenol	7.14	128	263057	57.628	ng		99
9) Benzaldehyde	6.72	77	72536	21.853	ng		96
10) Phenol	6.79	94	320088	55.341	ng		93
11) bis(2-Chloroethyl)ether	7.00	93	256520	54.036	ng		98
12) 1,3-Dichlorobenzene	7.46	146	240362	45.632	ng		99
13) 1,4-Dichlorobenzene	7.60	146	242717	45.230	ng		99
14) 1,2-Dichlorobenzene	7.92	146	240584	46.576	ng		99
15) Benzyl Alcohol	7.81	79	243017	56.388	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	350730	53.027	ng		99
17) 2-Methylphenol	8.03	107	240529	55.559	ng		98
18) Hexachloroethane	8.63	117	86832	44.834	ng		94
19) n-Nitroso-di-n-propylamine	8.37	70	214320	56.952	ng		97
20) 3+4-Methylphenols	8.35	107	324179	55.541	ng		98
22) Acetophenone	8.38	105	405964	47.998	ng	#	96
24) Nitrobenzene	8.75	77	319542	46.549	ng		99
25) Isophorone	9.27	82	634337	48.801	ng		99
26) 2-Nitrophenol	9.46	139	146249	46.714	ng		94
27) 2,4-Dimethylphenol	9.54	122	263631	55.572	ng		97
28) bis(2-Chloroethoxy)methane	9.76	93	379885	50.877	ng		99
29) 2,4-Dichlorophenol	10.00	162	277046	50.673	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	259827	42.213	ng		98
31) Naphthalene	10.39	128	822766	46.511	ng		99
32) Benzoic acid	9.69	122	144078	40.360	ng		96
33) 4-Chloroaniline	10.50	127	207087	26.763	ng		98
34) Hexachlorobutadiene	10.69	225	136118	36.130	ng		96
35) Caprolactam	11.26	113	97597	53.104	ng		93
36) 4-Chloro-3-methylphenol	11.66	107	332431	55.476	ng		98
37) 2-Methylnaphthalene	12.01	142	630873	48.912	ng		99
38) 1-Methylnaphthalene	12.23	142	608716	50.110	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	310231	41.657	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	181820	48.589 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	230791	45.801 ng	96
44) 2,4,5-Trichlorophenol	12.73	196	266708	45.978 ng	98
46) 1,1'-Biphenyl	13.04	154	818572	45.373 ng	98
47) 2-Chloronaphthalene	13.07	162	651452	44.359 ng	97
48) 2-Nitroaniline	13.29	65	246460	52.605 ng	100
49) Acenaphthylene	13.93	152	1098604	47.533 ng	99
50) Dimethylphthalate	13.68	163	1184539	63.234 ng	99
51) 2,6-Dinitrotoluene	13.80	165	206320	50.997 ng	95
52) Acenaphthene	14.28	154	660697	48.451 ng	100
53) 3-Nitroaniline	14.13	138	159060	36.108 ng	98
54) 2,4-Dinitrophenol	14.35	184	182023	72.762 ng	91
55) Dibenzofuran	14.62	168	1089257	49.291 ng	97
56) 4-Nitrophenol	14.47	139	334562	95.715 ng	92
57) 2,4-Dinitrotoluene	14.60	165	303739	55.811 ng	97
58) Fluorene	15.27	166	872864	51.863 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	249227	53.186 ng	99
60) Diethylphthalate	15.06	149	941399	50.539 ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	422923	46.858 ng	94
62) 4-Nitroaniline	15.30	138	251859	57.204 ng	89
63) Azobenzene	15.57	77	961820	53.402 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	156618	40.946 ng	93
66) n-Nitrosodiphenylamine	15.49	169	822788	46.938 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	282926	41.929 ng	98
68) Hexachlorobenzene	16.29	284	318007	43.991 ng	97
69) Atrazine	16.46	200	286726	50.977 ng	98
70) Pentachlorophenol	16.64	266	389134	93.720 ng	99
71) Phenanthrene	17.02	178	1611700	49.886 ng	100
72) Anthracene	17.11	178	1671215	51.983 ng	99
73) Carbazole	17.39	167	1676835	53.969 ng	99
74) Di-n-butylphthalate	17.96	149	1885812	51.537 ng	99
75) Fluoranthene	19.00	202	2156464	55.143 ng	97
78) Pyrene	19.36	202	2246589	42.488 ng	98
80) Butylbenzylphthalate	20.25	149	1012533	43.862 ng	99
81) Benzo(a)anthracene	21.07	228	2374716	46.759 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	721491	38.804 ng	95
83) Chrysene	21.12	228	2281694	46.852 ng	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	1463529	44.151 ng	99
85) Di-n-octyl phthalate	21.88	149	2831994	48.371 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3743551	56.418 ng	97
88) Benzo(b)fluoranthene	22.62	252	2824702	48.036 ng	98
89) Benzo(k)fluoranthene	22.67	252	2786328	50.792 ng	99
90) Benzo(a)pyrene	23.19	252	2694660	49.936 ng	97
91) Dibenzo(a,h)anthracene	25.51	278	3035871	55.992 ng	98
92) Benzo(g,h,i)perylene	26.17	276	3212108	59.236 ng	98

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

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