Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
Data File : BP003015.D
Acq On : 18 Aug 2020 13:11
Operator : CG/JU
Sample : L3659-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP1-3MS

Quant Time: Aug 18 18:44:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	335190	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1326793	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	684630	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1568676	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1608778	20.00	ng		0.00
86) Perylene-d12	23.42	264	1509491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1728453	78.92	ng		0.00
7) Phenol-d6	6.86	99	2002377	65.85	ng		0.00
23) Nitrobenzene-d5	8.83	82	1020896	41.68	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	709976	83.44	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	2797663	55.83	ng		0.00
79) Terphenyl-d14	19.65	244	4188144	52.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	294691	31.346	ng		98
3) Pyridine	3.62	79	666441	25.444	ng		98
4) n-Nitrosodimethylamine	3.53	42	228441	29.691	ng		96
6) Aniline	7.01	93	706217	20.019	ng		99
8) 2-Chlorophenol	7.25	128	1034845	44.317	ng		99
9) Benzaldehyde	6.83	77	483163	29.845	ng		100
10) Phenol	6.89	94	1104684	36.074	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	838660	35.606	ng		99
12) 1,3-Dichlorobenzene	7.58	146	1118796	42.450	ng		100
13) 1,4-Dichlorobenzene	7.72	146	1132840	42.524	ng		99
14) 1,2-Dichlorobenzene	8.03	146	1082471	42.608	ng		100
15) Benzyl Alcohol	7.92	79	672972	33.544	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	618826	27.965	ng		99
17) 2-Methylphenol	8.13	107	763313	39.007	ng		99
18) Hexachloroethane	8.76	117	336270	36.190	ng		98
19) n-Nitroso-di-n-propylamine	8.49	70	456643	26.064	ng		99
20) 3+4-Methylphenols	8.46	107	914867	34.689	ng		98
22) Acetophenone	8.50	105	1146976	30.639	ng	#	98
24) Nitrobenzene	8.87	77	731055	27.489	ng		100
25) Isophorone	9.40	82	1402743	26.654	ng		99
26) 2-Nitrophenol	9.58	139	462375	42.250	ng		99
27) 2,4-Dimethylphenol	9.65	122	778266	37.135	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	941146	32.054	ng		99
29) 2,4-Dichlorophenol	10.12	162	824259	37.369	ng		98
30) 1,2,4-Trichlorobenzene	10.33	180	982770	38.115	ng		99
31) Naphthalene	10.52	128	2996346	39.451	ng		100
32) Benzoic acid	9.80	122	497648	41.596	ng		99
33) 4-Chloroaniline	10.62	127	422463	13.422	ng		99
34) Hexachlorobutadiene	10.82	225	565853	35.861	ng		99
35) Caprolactam	11.38	113	286678	42.005	ng		99
36) 4-Chloro-3-methylphenol	11.76	107	851442	37.135	ng		100
37) 2-Methylnaphthalene	12.13	142	2192757	40.587	ng		99
38) 1-Methylnaphthalene	12.35	142	2076289	40.826	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	993234	40.351	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1213026	94.994 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	671103	47.041 ng	100
44) 2,4,5-Trichlorophenol	12.82	196	686636	43.874 ng	99
46) 1,1'-Biphenyl	13.16	154	2356040	41.628 ng	99
47) 2-Chloronaphthalene	13.19	162	1799813	40.610 ng	99
48) 2-Nitroaniline	13.39	65	366407	34.374 ng	99
49) Acenaphthylene	14.05	152	2924204	42.071 ng	99
50) Dimethylphthalate	13.79	163	2570528	48.005 ng	100
51) 2,6-Dinitrotoluene	13.90	165	499802	41.805 ng	97
52) Acenaphthene	14.39	154	1714714	38.384 ng	100
53) 3-Nitroaniline	14.22	138	264748	22.737 ng	98
54) 2,4-Dinitrophenol	14.43	184	492350	95.127 ng	98
55) Dibenzofuran	14.73	168	2662038	38.849 ng	99
56) 4-Nitrophenol	14.55	139	920867	96.982 ng	97
57) 2,4-Dinitrotoluene	14.69	165	678408	43.071 ng	96
58) Fluorene	15.38	166	2030508	37.847 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	576725	44.166 ng	100
60) Diethylphthalate	15.16	149	2236508	42.744 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1009665	36.566 ng	98
62) 4-Nitroaniline	15.39	138	513030	41.626 ng	97
63) Azobenzene	15.67	77	1606366	30.495 ng	97
65) 4,6-Dinitro-2-methylphenol	15.46	198	349485	43.512 ng	97
66) n-Nitrosodiphenylamine	15.59	169	1874586	36.082 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	745680	39.073 ng	99
68) Hexachlorobenzene	16.39	284	856362	38.795 ng	98
69) Atrazine	16.55	200	667484	37.922 ng	99
70) Pentachlorophenol	16.73	266	1034572	90.381 ng	100
71) Phenanthrene	17.12	178	3792385	41.228 ng	99
72) Anthracene	17.21	178	3732936	41.521 ng	99
73) Carbazole	17.48	167	3538445	40.301 ng	99
74) Di-n-butylphthalate	18.06	149	4487146	48.583 ng	100
75) Fluoranthene	19.10	202	4286231	40.443 ng	99
77) Benzidine	19.27	184	2110300	43.017 ng	100
78) Pyrene	19.44	202	4622516	41.102 ng	99
80) Butylbenzylphthalate	20.33	149	2183390	47.805 ng	98
81) Benzo(a)anthracene	21.16	228	4443796	40.552 ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1113086	25.663 ng	99
83) Chrysene	21.21	228	4133601	39.988 ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	3213894	51.635 ng	99
85) Di-n-octyl phthalate	21.98	149	5069615	49.581 ng	100
87) Indeno(1,2,3-cd)pyrene	25.71	276	4747759	39.273 ng	99
88) Benzo(b)fluoranthene	22.74	252	4177284	39.215 ng	98
89) Benzo(k)fluoranthene	22.79	252	4167528	41.393 ng	99
90) Benzo(a)pyrene	23.32	252	3868054	40.187 ng	99
91) Dibenzo(a,h)anthracene	25.73	278	3976093	38.644 ng	100
92) Benzo(g,h,i)perylene	26.41	276	4027214	40.476 ng	99

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

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