Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002856.D
Acq On : 24 Jul 2020 16:33
Operator : CG/JU
Sample : L3382-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CTR-020MS

Quant Time: Jul 24 17:07:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 15:50:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	51638	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	227488	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	154483	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	385072	20.00	ng		0.00
76) Chrysene-d12	21.06	240	448592	20.00	ng		0.00
86) Perylene-d12	23.23	264	545667	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	429498	140.33	ng		0.00
7) Phenol-d6	6.74	99	590695	135.23	ng		0.00
23) Nitrobenzene-d5	8.68	82	356907	83.91	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	222515	137.99	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	777193	77.83	ng		0.00
79) Terphenyl-d14	19.53	244	1449111	74.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	57438	43.045	ng		100
3) Pyridine	3.48	79	148850	37.432	ng		98
4) n-Nitrosodimethylamine	3.40	42	73845	49.295	ng		98
6) Aniline	6.87	93	187952	33.990	ng		99
8) 2-Chlorophenol	7.11	128	171674	50.415	ng		99
9) Benzaldehyde	6.68	77	129644	54.629	ng		98
10) Phenol	6.77	94	236020	52.748	ng		99
11) bis(2-Chloroethyl)ether	6.97	93	167832	45.096	ng		98
12) 1,3-Dichlorobenzene	7.42	146	169364	43.375	ng		99
13) 1,4-Dichlorobenzene	7.57	146	174639	44.566	ng		100
14) 1,2-Dichlorobenzene	7.88	146	170734	45.181	ng		99
15) Benzyl Alcohol	7.78	79	158842	54.342	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	233607	43.645	ng		100
17) 2-Methylphenol	8.00	107	153744	48.230	ng		98
18) Hexachloroethane	8.59	117	63775	45.949	ng		94
19) n-Nitroso-di-n-propylamine	8.34	70	134031	50.388	ng		100
20) 3+4-Methylphenols	8.33	107	206686	49.035	ng		97
22) Acetophenone	8.35	105	260491	46.449	ng	#	99
24) Nitrobenzene	8.72	77	199583	43.327	ng		97
25) Isophorone	9.25	82	391399	45.150	ng		98
26) 2-Nitrophenol	9.43	139	90726	45.600	ng		98
27) 2,4-Dimethylphenol	9.52	122	170633	52.826	ng		98
28) bis(2-Chloroethoxy)methane	9.73	93	237484	45.102	ng		98
29) 2,4-Dichlorophenol	9.98	162	172327	48.390	ng		97
30) 1,2,4-Trichlorobenzene	10.18	180	166522	40.824	ng		97
31) Naphthalene	10.35	128	512826	42.699	ng		100
32) Benzoic acid	9.69	122	81663	34.933	ng		97
33) 4-Chloroaniline	10.48	127	116169	22.572	ng		98
34) Hexachlorobutadiene	10.65	225	91151	38.662	ng		93
35) Caprolactam	11.25	113	72777	58.448	ng		99
36) 4-Chloro-3-methylphenol	11.63	107	200440	52.216	ng		95
37) 2-Methylnaphthalene	11.98	142	384267	45.340	ng		93
38) 1-Methylnaphthalene	12.20	142	365246	45.564	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	191527	40.341	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	81802	42.717 ng	96
43) 2,4,6-Trichlorophenol	12.62	196	136679	44.976 ng	96
44) 2,4,5-Trichlorophenol	12.70	196	153754	43.622 ng	99
46) 1,1'-Biphenyl	13.01	154	499835	43.400 ng	98
47) 2-Chloronaphthalene	13.05	162	386483	41.316 ng	97
48) 2-Nitroaniline	13.26	65	143786	49.727 ng	98
49) Acenaphthylene	13.90	152	670906	45.496 ng	100
50) Dimethylphthalate	13.65	163	654667	55.567 ng	99
51) 2,6-Dinitrotoluene	13.77	165	118922	47.149 ng	99
52) Acenaphthene	14.25	154	386862	43.896 ng	96
53) 3-Nitroaniline	14.10	138	82935	29.389 ng	100
54) 2,4-Dinitrophenol	14.33	184	125812	88.081 ng	95
55) Dibenzofuran	14.59	168	623964	44.144 ng	99
56) 4-Nitrophenol	14.46	139	196957	86.656 ng	98
57) 2,4-Dinitrotoluene	14.58	165	170142	51.220 ng	98
58) Fluorene	15.25	166	498601	47.673 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.83	232	139447	50.191 ng	99
60) Diethylphthalate	15.03	149	569571	49.862 ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	248827	44.776 ng	99
62) 4-Nitroaniline	15.28	138	145521	48.256 ng	98
63) Azobenzene	15.54	77	573349	48.816 ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	98827	43.492 ng	98
66) n-Nitrosodiphenylamine	15.46	169	484500	42.593 ng	99
67) 4-Bromophenyl-phenylether	16.14	248	159866	38.113 ng	98
68) Hexachlorobenzene	16.26	284	185949	42.075 ng	98
69) Atrazine	16.43	200	166997	53.776 ng	100
70) Pentachlorophenol	16.62	266	184209	85.605 ng	98
71) Phenanthrene	16.99	178	924817	44.357 ng	99
72) Anthracene	17.08	178	951869	46.525 ng	99
73) Carbazole	17.36	167	945313	47.084 ng	100
74) Di-n-butylphthalate	17.93	149	1140889	52.396 ng	100
75) Fluoranthene	18.97	202	1257612	52.057 ng	99
77) Benzidine	19.16	184	891306	80.159 ng	99
78) Pyrene	19.33	202	1273819	41.128 ng	97
80) Butylbenzylphthalate	20.22	149	615375	50.349 ng	98
81) Benzo(a)anthracene	21.04	228	1321513	45.509 ng	98
82) 3,3'-Dichlorobenzidine	20.97	252	361252	37.564 ng	98
83) Chrysene	21.09	228	1245038	45.042 ng	95
84) Bis(2-ethylhexyl)phthalate	20.99	149	874124	51.422 ng	98
85) Di-n-octyl phthalate	21.84	149	1696483	55.510 ng	99
87) Indeno(1,2,3-cd)pyrene	25.44	276	1828939	46.374 ng	99
88) Benzo(b)fluoranthene	22.59	252	1529305	45.135 ng	100
89) Benzo(k)fluoranthene	22.63	252	1402023	42.009 ng	99
90) Benzo(a)pyrene	23.15	252	1398049	43.542 ng	98
91) Dibenzo(a,h)anthracene	25.45	278	1507707	47.403 ng	98
92) Benzo(g,h,i)perylene	26.11	276	1605077	49.773 ng	99

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

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