Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
Data File : BP003018.D
Acq On : 18 Aug 2020 15:31
Operator : CG/JU
Sample : L3712-09MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : V-23615MS

Manual Integrations APPROVED
mohammad
8/19/2020 2:25:03 PM

Quant Time: Aug 18 19:13:41 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	365689	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1400530	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	824987	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	1473952	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1666796	20.00	ng		0.00
86) Perylene-d12	23.42	264	1581404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1741592	72.89	ng		0.00
7) Phenol-d6	6.86	99	2067597	62.33	ng		0.00
23) Nitrobenzene-d5	8.83	82	1162742	44.97	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	844241	82.34	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	2759657	45.70	ng		0.00
79) Terphenyl-d14	19.66	244	3490329	41.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	275999	26.910	ng		99
3) Pyridine	3.61	79	656707	22.982	ng		99
4) n-Nitrosodimethylamine	3.53	42	235335	28.036	ng		99
6) Aniline	7.01	93	1151790	29.927	ng		100
8) 2-Chlorophenol	7.25	128	1050146	41.221	ng		99
9) Benzaldehyde	6.82	77	500052	28.312	ng		98
10) Phenol	6.89	94	1200993	35.948	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	874903	34.047	ng		99
12) 1,3-Dichlorobenzene	7.58	146	1150334	40.006	ng		99
13) 1,4-Dichlorobenzene	7.72	146	1177486	40.513	ng		99
14) 1,2-Dichlorobenzene	8.03	146	1130043	40.771	ng		99
15) Benzyl Alcohol	7.92	79	678206	30.986	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.22	45	700368	29.010	ng		99
17) 2-Methylphenol	8.13	107	792489	37.121	ng		99
18) Hexachloroethane	8.76	117	382408	37.723	ng		98
19) n-Nitroso-di-n-propylamine	8.49	70	533314	27.902	ng		99
20) 3+4-Methylphenols	8.46	107	1084660	37.697	ng		99
22) Acetophenone	8.50	105	1350629	34.180	ng	#	98
24) Nitrobenzene	8.88	77	844301	30.075	ng		98
25) Isophorone	9.40	82	1640703	29.535	ng		100
26) 2-Nitrophenol	9.58	139	552810	47.254	ng		97
27) 2,4-Dimethylphenol	9.65	122	939840	42.484	ng		100
28) bis(2-Chloroethoxy)methane	9.89	93	1112860	35.907	ng		99
29) 2,4-Dichlorophenol	10.12	162	976536	41.942	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	1007423	37.014	ng		98
31) Naphthalene	10.52	128	2815289	35.115	ng		100
32) Benzoic acid	9.80	122	610371	47.087	ng		95
33) 4-Chloroaniline	10.62	127	829355	24.961	ng		99
34) Hexachlorobutadiene	10.82	225	528094	31.706	ng		99
35) Caprolactam	11.38	113	268026m	37.204	ng		
36) 4-Chloro-3-methylphenol	11.76	107	803449	33.196	ng		97
37) 2-Methylnaphthalene	12.13	142	1982798	34.768	ng		100
38) 1-Methylnaphthalene	12.36	142	1859214	34.633	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	926779	31.245	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	990736	64.387 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	644858	37.511 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	704587	37.361 ng	99
46) 1,1'-Biphenyl	13.16	154	2443068	35.822 ng	100
47) 2-Chloronaphthalene	13.19	162	1849782	34.637 ng	100
48) 2-Nitroaniline	13.39	65	384255	30.431 ng	99
49) Acenaphthylene	14.05	152	3111087	37.145 ng	100
50) Dimethylphthalate	13.79	163	2522970	39.101 ng	100
51) 2,6-Dinitrotoluene	13.90	165	518316	36.382 ng	99
52) Acenaphthene	14.39	154	1954202	36.302 ng	99
53) 3-Nitroaniline	14.22	138	380307	26.476 ng	100
54) 2,4-Dinitrophenol	14.43	184	386031	64.710 ng	98
55) Dibenzofuran	14.73	168	3072648	37.212 ng	99
56) 4-Nitrophenol	14.55	139	1075004	93.954 ng	95
57) 2,4-Dinitrotoluene	14.69	165	793184	41.903 ng	99
58) Fluorene	15.38	166	2401561	37.148 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	674587	42.871 ng	99
60) Diethylphthalate	15.16	149	2593229	41.129 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1177256	35.382 ng	100
62) 4-Nitroaniline	15.39	138	535787	36.399 ng	98
63) Azobenzene	15.67	77	1836102	28.926 ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	283414	38.499 ng	99
66) n-Nitrosodiphenylamine	15.59	169	2240759	45.902 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	784075	43.725 ng	98
68) Hexachlorobenzene	16.39	284	888002	42.814 ng	99
69) Atrazine	16.55	200	665553	40.243 ng	99
70) Pentachlorophenol	16.73	266	1031661	95.919 ng	100
71) Phenanthrene	17.12	178	3571609	41.323 ng	99
72) Anthracene	17.22	178	3470768	41.086 ng	100
73) Carbazole	17.48	167	3208604	38.893 ng	100
74) Di-n-butylphthalate	18.06	149	3978555	45.845 ng	100
75) Fluoranthene	19.10	202	4456347	44.750 ng	99
77) Benzidine	19.28	184	2993818	58.903 ng	99
78) Pyrene	19.45	202	4491724	38.549 ng	100
80) Butylbenzylphthalate	20.34	149	2195410	46.486 ng	99
81) Benzo(a)anthracene	21.16	228	4794167	42.226 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1775298	39.506 ng	100
83) Chrysene	21.21	228	4352918	40.644 ng	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	3234514	50.158 ng	99
85) Di-n-octyl phthalate	21.99	149	5866395	55.376 ng	99
87) Indeno(1,2,3-cd)pyrene	25.72	276	5108396	40.335 ng	98
88) Benzo(b)fluoranthene	22.75	252	5177791	46.397 ng	100
89) Benzo(k)fluoranthene	22.79	252	4773006	45.251 ng	99
90) Benzo(a)pyrene	23.33	252	4120947	40.868 ng	98
91) Dibenzo(a,h)anthracene	25.73	278	4057910	37.646 ng	99
92) Benzo(g,h,i)perylene	26.42	276	4445640	42.650 ng	98

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

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