Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
Data File : BP003114.D
Acq On : 26 Aug 2020 14:57
Operator : CG/JU
Sample : L3793-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
mohammad
8/27/2020 3:14:41 PM

Quant Time: Aug 26 15:32:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	216794	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	865479	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	528547	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1189445	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1336817	20.00	ng		0.00
86) Perylene-d12	23.39	264	1697684	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1051885	85.78	ng		0.00
7) Phenol-d6	6.85	99	1247260	81.14	ng		0.00
23) Nitrobenzene-d5	8.81	82	714283	59.50	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	616866	86.29	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	2063785	57.18	ng		0.00
79) Terphenyl-d14	19.63	244	3114362	51.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	168455	35.935	ng		99
3) Pyridine	3.59	79	399047	32.346	ng		99
4) n-Nitrosodimethylamine	3.50	42	143103	44.420	ng		91
6) Aniline	6.99	93	522727	31.235	ng		100
8) 2-Chlorophenol	7.23	128	640551	46.858	ng		99
9) Benzaldehyde	6.80	77	277358	38.703	ng		98
10) Phenol	6.88	94	672634	47.219	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	483394	42.874	ng		98
12) 1,3-Dichlorobenzene	7.55	146	687841	41.383	ng		100
13) 1,4-Dichlorobenzene	7.70	146	704673	41.995	ng		99
14) 1,2-Dichlorobenzene	8.01	146	673388	42.329	ng		99
15) Benzyl Alcohol	7.90	79	418393	48.310	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	384580	40.251	ng		97
17) 2-Methylphenol	8.11	107	480450	47.345	ng		98
18) Hexachloroethane	8.74	117	225884	41.148	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	307756	44.315	ng		98
20) 3+4-Methylphenols	8.43	107	648295	47.414	ng		99
22) Acetophenone	8.48	105	797583	41.381	ng	#	99
24) Nitrobenzene	8.85	77	503427	42.693	ng		100
25) Isophorone	9.38	82	958423	45.247	ng		100
26) 2-Nitrophenol	9.56	139	340099	48.391	ng		99
27) 2,4-Dimethylphenol	9.63	122	555681	52.595	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	628119	39.812	ng		98
29) 2,4-Dichlorophenol	10.10	162	605049	46.159	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	639580	40.980	ng		99
31) Naphthalene	10.49	128	1879148	42.261	ng		100
32) Benzoic acid	9.78	122	352789	44.070	ng		96
33) 4-Chloroaniline	10.60	127	337224	18.151	ng		98
34) Hexachlorobutadiene	10.79	225	370287	39.532	ng		100
35) Caprolactam	11.36	113	198214m	50.320	ng		
36) 4-Chloro-3-methylphenol	11.74	107	574059	46.905	ng		99
37) 2-Methylnaphthalene	12.11	142	1361062	42.789	ng		100
38) 1-Methylnaphthalene	12.33	142	1288811	42.629	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	674319	43.044	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	809142	109.264 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	474312	46.046 ng	100
44) 2,4,5-Trichlorophenol	12.80	196	520031	47.728 ng	99
46) 1,1'-Biphenyl	13.13	154	1729662	43.628 ng	99
47) 2-Chloronaphthalene	13.17	162	1336688	41.190 ng	100
48) 2-Nitroaniline	13.37	65	276683	45.536 ng	97
49) Acenaphthylene	14.02	152	2179328	44.412 ng	100
50) Dimethylphthalate	13.77	163	1869497	46.382 ng	100
51) 2,6-Dinitrotoluene	13.88	165	385485	46.017 ng	97
52) Acenaphthene	14.37	154	1272694	42.217 ng	99
53) 3-Nitroaniline	14.20	138	245946	25.914 ng	97
54) 2,4-Dinitrophenol	14.42	184	411769	89.015 ng	99
55) Dibenzofuran	14.70	168	2032484	42.929 ng	99
56) 4-Nitrophenol	14.53	139	743098	108.830 ng	98
57) 2,4-Dinitrotoluene	14.67	165	542091	48.128 ng	98
58) Fluorene	15.36	166	1559754	42.767 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	469231	47.599 ng	99
60) Diethylphthalate	15.14	149	1695651	42.880 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	777530	41.283 ng	100
62) 4-Nitroaniline	15.37	138	415337	42.572 ng	99
63) Azobenzene	15.65	77	1137322	43.334 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	303038	53.273 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1461121	42.011 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	531735	40.506 ng	99
68) Hexachlorobenzene	16.37	284	628669	40.225 ng	99
69) Atrazine	16.53	200	499617	42.592 ng	99
70) Pentachlorophenol	16.72	266	848111	113.479 ng	99
71) Phenanthrene	17.10	178	2668935	41.410 ng	100
72) Anthracene	17.19	178	2759645	44.739 ng	100
73) Carbazole	17.46	167	2664187	45.004 ng	100
74) Di-n-butylphthalate	18.03	149	3086984	44.359 ng	100
75) Fluoranthene	19.07	202	3369796	45.237 ng	100
77) Benzidine	19.26	184	1922139	62.912 ng	99
78) Pyrene	19.43	202	3426168	39.489 ng	99
80) Butylbenzylphthalate	20.32	149	1550359	43.399 ng	94
81) Benzo(a)anthracene	21.14	228	3550567	42.402 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	978218	31.759 ng	100
83) Chrysene	21.19	228	3354102	41.835 ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2201413	42.671 ng	99
85) Di-n-octyl phthalate	21.96	149	3955534	44.720 ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	5241226	41.399 ng	98
88) Benzo(b)fluoranthene	22.72	252	4170800	39.527 ng	99
89) Benzo(k)fluoranthene	22.76	252	3871277	38.400 ng	99
90) Benzo(a)pyrene	23.29	252	3892319	39.762 ng	99
91) Dibenzo(a,h)anthracene	25.68	278	4338937	41.720 ng	99
92) Benzo(g,h,i)perylene	26.36	276	4551163	43.605 ng	98

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

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