Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001377.D
Acq On : 23 Dec 2019 20:07
Operator : JU
Sample : K6401-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B37MS

Manual Integrations APPROVED
mohammad
12/24/2019 3:05:33 PM

Quant Time: Dec 24 10:25:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	77687m	20.00	ng		0.13
21) Naphthalene-d8	10.39	136	171920m	20.00	ng		0.05
39) Acenaphthene-d10	13.21	164	97968	20.00	ng		0.01
64) Phenanthrene-d10	15.62	188	188605	20.00	ng		0.02
76) Chrysene-d12	19.27	240	154709	20.00	ng		0.03
87) Perylene-d12	21.07	264	170312	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	302529m	62.94	ng		0.11
7) Phenol-d6	7.80	99	1104048m	176.02	ng		0.05
23) Nitrobenzene-d5	9.26	82	430409	96.14	ng		0.07
42) 2,4,6-Tribromophenol	14.52	330	111181	90.77	ng		0.02
45) 2-Fluorobiphenyl	12.13	172	465492	60.08	ng		0.01
79) Terphenyl-d14	17.90	244	562215	62.24	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	41684	21.072	ng		96
3) Pyridine	3.40	79	102584	18.983	ng		97
4) n-Nitrosodimethylamine	3.31	42	90151	26.346	ng		93
6) Aniline	7.86	93	98868m	12.522	ng		
8) 2-Chlorophenol	8.05	128	140532	29.081	ng		98
9) Benzaldehyde	7.69	77	1462515m	332.393	ng		
10) Phenol	7.82	94	233410m	32.569	ng		
11) bis(2-Chloroethyl)ether	7.97	93	184112m	36.314	ng		
12) 1,3-Dichlorobenzene	8.35	146	186061	30.911	ng		98
13) 1,4-Dichlorobenzene	8.45	146	283947m	46.302	ng		
14) 1,2-Dichlorobenzene	8.68	146	378002m	64.701	ng		
15) Benzyl Alcohol	8.60	79	247095m	41.985	ng		
16) 2,2'-oxybis(1-Chloropropan	8.85	45	162691	20.261	ng	#	1
17) 2-Methylphenol	8.78	107	125239m	29.328	ng		
18) Hexachloroethane	9.19	117	276365m	105.936	ng		
19) n-Nitroso-di-n-propylamine	9.05	70	875630m	196.651	ng		
20) 3+4-Methylphenols	9.03	107	199761m	35.252	ng		
22) Acetophenone	9.06	105	3455973m	635.689	ng		
24) Nitrobenzene	9.28	77	599122m	135.969	ng		
25) Isophorone	9.68	82	593863m	82.497	ng		
26) 2-Nitrophenol	9.79	139	72160m	45.926	ng		
27) 2,4-Dimethylphenol	9.87	122	183919	79.587	ng		97
28) bis(2-Chloroethoxy)methane	10.02	93	208942m	48.597	ng		
29) 2,4-Dichlorophenol	10.17	162	125010	43.688	ng		94
30) 1,2,4-Trichlorobenzene	10.31	180	134997	38.355	ng		95
31) Naphthalene	10.43	128	1827685	194.755	ng		98
32) Benzoic acid	10.05	122	68600	37.896	ng	#	27
33) 4-Chloroaniline	10.50	127	37391m	9.743	ng		
34) Hexachlorobutadiene	10.63	225	82381	33.557	ng		98
35) Caprolactam	11.05	113	30060m	35.304	ng		
36) 4-Chloro-3-methylphenol	11.30	107	122198	36.544	ng		99
37) 2-Methylnaphthalene	11.52	142	328373	50.684	ng		99
38) 1-Methylnaphthalene	11.68	142	267129	43.856	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.80	216	130446	36.011	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	104687	58.432	ng		100
43) 2,4,6-Trichlorophenol	11.98	196	84432	37.900	ng		96
44) 2,4,5-Trichlorophenol	12.05	196	89668	39.175	ng		98
46) 1,1'-Biphenyl	12.29	154	306193	37.349	ng		99
47) 2-Chloronaphthalene	12.30	162	235354	35.511	ng		100
48) 2-Nitroaniline	12.47	65	91624	34.524	ng		93
49) Acenaphthylene	12.98	152	358796	37.034	ng		99
50) Dimethylphthalate	12.81	163	390485	48.585	ng		100
51) 2,6-Dinitrotoluene	12.89	165	64649	39.614	ng		95
52) Acenaphthene	13.26	154	211299	36.198	ng		98
53) 3-Nitroaniline	13.15	138	30107	17.188	ng		92
54) 2,4-Dinitrophenol	13.32	184	21696	34.429	ng		94
55) Dibenzofuran	13.55	168	335540	36.687	ng		99
56) 4-Nitrophenol	13.46	139	97519	77.858	ng		96
57) 2,4-Dinitrotoluene	13.55	165	83396	36.767	ng	#	97
58) Fluorene	14.12	166	276105	37.744	ng		97
59) 2,3,4,6-Tetrachlorophenol	13.76	232	74831	38.079	ng		90
60) Diethylphthalate	13.98	149	300746	36.280	ng		99
61) 4-Chlorophenyl-phenylether	14.13	204	141555	36.811	ng		96
62) 4-Nitroaniline	12.47	138	72252	35.620	ng		94
63) Azobenzene	14.39	77	309919	35.512	ng		98
65) 4,6-Dinitro-2-methylphenol	14.21	198	16746	19.825	ng	#	77
66) n-Nitrosodiphenylamine	14.33	169	249119	41.664	ng		99
67) 4-Bromophenyl-phenylether	14.93	248	84184	37.753	ng		99
68) Hexachlorobenzene	15.02	284	89962	35.438	ng		99
69) Atrazine	15.23	200	82262	38.301	ng		96
70) Pentachlorophenol	15.34	266	105977	81.406	ng		94
71) Phenanthrene	15.66	178	414969	38.564	ng		98
72) Anthracene	15.73	178	408712	38.369	ng		97
73) Carbazole	15.98	167	363813	38.308	ng		99
74) Di-n-butylphthalate	16.54	149	485745	37.271	ng		99
75) Fluoranthene	17.38	202	443080	36.825	ng		100
77) Benzidine	17.56	184	26647	5.916	ng	#	65
78) Pyrene	17.68	202	447652	37.267	ng		99
80) Butylbenzylphthalate	18.56	149	200874	35.869	ng		95
81) Benzo(a)anthracene	19.26	228	424153	37.624	ng		98
82) 3,3'-Dichlorobenzidine	19.23	252	59391	15.172	ng	#	95
83) Chrysene	19.31	228	404032	37.131	ng		98
84) Bis(2-ethylhexyl)phthalate	19.31	149	396488	48.248	ng		98
85) Di-n-octyl phthalate	20.10	149	547413	40.192	ng	#	1
86) Indeno(1,2,3-cd)pyrene	22.74	276	444887	37.857	ng		99
88) Benzo(b)fluoranthene	20.58	252	429757	38.423	ng	#	86
89) Benzo(k)fluoranthene	20.62	252	381702	35.825	ng	#	88
90) Benzo(a)pyrene	21.00	252	373373	36.644	ng	#	89
91) Dibenzo(a,h)anthracene	22.77	278	378765	38.020	ng	#	96
92) Benzo(g,h,i)perylene	23.24	276	365876	38.434	ng		97

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

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