Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001484.D
Acq On : 28 Dec 2019 19:32
Operator : JU
Sample : K6113-15MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-122619MS

Manual Integrations APPROVED
mohammad
12/30/2019 2:09:41 PM

Quant Time: Dec 30 10:58:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21663	20.00	ng		-0.01
21) Naphthalene-d8	10.31	136	78589	20.00	ng		-0.01
39) Acenaphthene-d10	13.18	164	47439	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	97513	20.00	ng		0.00
76) Chrysene-d12	19.24	240	81926	20.00	ng		0.01
87) Perylene-d12	21.01	264	71252	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	162830	121.48	ng		0.00
7) Phenol-d6	7.75	99	200801	114.81	ng		0.00
23) Nitrobenzene-d5	9.16	82	165347	80.79	ng		-0.01
42) 2,4,6-Tribromophenol	14.48	330	87301	147.20	ng		0.00
45) 2-Fluorobiphenyl	12.09	172	331616	88.39	ng		0.00
79) Terphenyl-d14	17.87	244	475826	99.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	18821	34.120	ng		92
3) Pyridine	3.45	79	34106m	22.633	ng		
4) n-Nitrosodimethylamine	3.35	42	40641	42.593	ng		99
6) Aniline	7.76	93	25122	11.410	ng	#	1
8) 2-Chlorophenol	7.95	128	63716	47.283	ng		93
9) Benzaldehyde	7.57	77	23104	18.831	ng		98
10) Phenol	7.76	94	69891	34.973	ng		82
11) bis(2-Chloroethyl)ether	7.89	93	59869	42.347	ng		94
12) 1,3-Dichlorobenzene	8.18	146	68218	40.643	ng		98
13) 1,4-Dichlorobenzene	8.30	146	70821	41.415	ng		98
14) 1,2-Dichlorobenzene	8.54	146	69395	42.597	ng		95
15) Benzyl Alcohol	8.52	79	63252	38.542	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	73422	32.791	ng		87
17) 2-Methylphenol	8.72	107	55491	46.601	ng		99
18) Hexachloroethane	9.07	117	27289	37.513	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	52357	42.168	ng		96
20) 3+4-Methylphenols	8.96	107	68997	43.665	ng		98
22) Acetophenone	8.93	105	105300	42.371	ng	#	99
24) Nitrobenzene	9.19	77	83863	41.635	ng		98
25) Isophorone	9.59	82	141164	42.898	ng		98
26) 2-Nitrophenol	9.70	139	33843	47.119	ng		98
27) 2,4-Dimethylphenol	9.80	122	57824	54.738	ng		99
28) bis(2-Chloroethoxy)methane	9.95	93	76130	38.735	ng		97
29) 2,4-Dichlorophenol	10.10	162	62584	47.846	ng		100
30) 1,2,4-Trichlorobenzene	10.23	180	69857	43.418	ng		95
31) Naphthalene	10.35	128	193528	45.112	ng		99
32) Benzoic acid	10.01	122	31689	38.242	ng		93
33) 4-Chloroaniline	10.45	127	13604	7.754	ng	#	91
34) Hexachlorobutadiene	10.57	225	44135	39.328	ng		97
35) Caprolactam	11.02	113	13901m	35.715	ng		
36) 4-Chloro-3-methylphenol	11.27	107	68073	44.534	ng		98
37) 2-Methylnaphthalene	11.47	142	141202	47.677	ng		99
38) 1-Methylnaphthalene	11.63	142	133482	47.940	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	80268	45.761	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	88139	101.596	ng		100
43) 2,4,6-Trichlorophenol	11.95	196	50159	46.498	ng		99
44) 2,4,5-Trichlorophenol	12.02	196	55973	50.501	ng		98
46) 1,1'-Biphenyl	12.25	154	181042	45.604	ng		97
47) 2-Chloronaphthalene	12.27	162	143953	44.855	ng		100
48) 2-Nitroaniline	12.45	65	49695	38.670	ng		99
49) Acenaphthylene	12.95	152	222623	47.453	ng		99
50) Dimethylphthalate	12.78	163	176716	45.407	ng		100
51) 2,6-Dinitrotoluene	12.86	165	37546	47.512	ng		96
52) Acenaphthene	13.23	154	129856	45.940	ng		99
53) 3-Nitroaniline	13.12	138	10911	12.864	ng	#	92
54) 2,4-Dinitrophenol	13.31	184	37007	121.276	ng		98
55) Dibenzofuran	13.52	168	214096	48.342	ng		97
56) 4-Nitrophenol	13.45	139	47536	78.377	ng		95
57) 2,4-Dinitrotoluene	13.52	165	54041	49.202	ng	#	97
58) Fluorene	14.09	166	169744	47.920	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.73	232	45372	47.681	ng		97
60) Diethylphthalate	13.95	149	174287	43.419	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	89652	48.146	ng		97
62) 4-Nitroaniline	12.45	138	42879	43.655	ng		97
63) Azobenzene	14.36	77	177805	42.074	ng		96
65) 4,6-Dinitro-2-methylphenol	14.19	198	26839	61.456	ng		92
66) n-Nitrosodiphenylamine	14.30	169	123674	40.005	ng		97
67) 4-Bromophenyl-phenylether	14.90	248	54535	47.302	ng		96
68) Hexachlorobenzene	14.99	284	59984	45.702	ng		95
69) Atrazine	15.19	200	26948	24.268	ng		91
70) Pentachlorophenol	15.30	266	66424	98.687	ng		93
71) Phenanthrene	15.62	178	265549	47.731	ng		99
72) Anthracene	15.70	178	265569	48.220	ng		99
73) Carbazole	15.95	167	190674	38.833	ng		99
74) Di-n-butylphthalate	16.50	149	281191	41.731	ng		99
75) Fluoranthene	17.33	202	294951	47.413	ng		99
78) Pyrene	17.64	202	301273	47.362	ng		99
80) Butylbenzylphthalate	18.53	149	118953	40.111	ng		96
81) Benzo(a)anthracene	19.22	228	274675	46.011	ng		98
82) 3,3'-Dichlorobenzidine	19.19	252	17660	8.519	ng		100
83) Chrysene	19.27	228	266925	46.323	ng		99
84) Bis(2-ethylhexyl)phthalate	19.28	149	173636	39.901	ng		96
85) Di-n-octyl phthalate	20.06	149	291244	40.381	ng		98
86) Indeno(1,2,3-cd)pyrene	22.67	276	274792	44.156	ng		99
88) Benzo(b)fluoranthene	20.53	252	274475	58.657	ng		99
89) Benzo(k)fluoranthene	20.56	252	241076	54.084	ng		99
90) Benzo(a)pyrene	20.94	252	226721	53.187	ng		99
91) Dibenzo(a,h)anthracene	22.70	278	239142	57.378	ng		100
92) Benzo(g,h,i)perylene	23.17	276	217927	54.719	ng		97

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

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