Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001636.D
Acq On : 16 Jan 2020 19:50
Operator : JU
Sample : L1148-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-28-(4-6)MSD

Manual Integrations APPROVED
mohammad
1/17/2020 2:08:33 PM

Quant Time: Jan 17 04:54:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	34535	20.00	ng		-0.01
21) Naphthalene-d8	10.40	136	124291	20.00	ng		-0.01
39) Acenaphthene-d10	14.28	164	79110	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	186747	20.00	ng		-0.01
76) Chrysene-d12	21.15	240	171407	20.00	ng		-0.01
87) Perylene-d12	23.37	264	175297	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	203470	115.41	ng		0.00
7) Phenol-d6	6.83	99	291241	103.37	ng		0.00
23) Nitrobenzene-d5	8.78	82	199994	70.31	ng		-0.01
42) 2,4,6-Tribromophenol	15.78	330	117976	97.97	ng		-0.01
45) 2-Fluorobiphenyl	12.89	172	414583	77.05	ng		-0.01
79) Terphenyl-d14	19.63	244	660038	70.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	26847	47.717	ng		97
3) Pyridine	3.59	79	78943	38.829	ng		95
4) n-Nitrosodimethylamine	3.52	42	73973	51.336	ng		100
6) Aniline	6.96	93	124918	35.458	ng		96
8) 2-Chlorophenol	7.20	128	99776	48.477	ng		98
9) Benzaldehyde	6.78	77	64456	38.299	ng		94
10) Phenol	6.86	94	142370	48.846	ng		94
11) bis(2-Chloroethyl)ether	7.07	93	105227	46.033	ng		98
12) 1,3-Dichlorobenzene	7.52	146	115426	44.614	ng		98
13) 1,4-Dichlorobenzene	7.66	146	117857	44.055	ng		96
14) 1,2-Dichlorobenzene	7.98	146	112030	43.333	ng		97
15) Benzyl Alcohol	7.88	79	108366	40.840	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	190675	44.901	ng		99
17) 2-Methylphenol	8.09	107	90271	44.608	ng		97
18) Hexachloroethane	8.70	117	46393	44.422	ng		96
19) n-Nitroso-di-n-propylamine	8.44	70	87366	40.671	ng		96
20) 3+4-Methylphenols	8.42	107	117667	41.569	ng		99
22) Acetophenone	8.45	105	157983	45.343	ng	#	99
24) Nitrobenzene	8.82	77	137275	47.706	ng		95
25) Isophorone	9.35	82	234035	45.884	ng		99
26) 2-Nitrophenol	9.53	139	53155	48.880	ng		96
27) 2,4-Dimethylphenol	9.60	122	89754	55.246	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	130092	43.538	ng		98
29) 2,4-Dichlorophenol	10.06	162	98509	44.298	ng		98
30) 1,2,4-Trichlorobenzene	10.28	180	117582	43.799	ng		98
31) Naphthalene	10.46	128	300373	45.791	ng		99
32) Benzoic acid	9.78	122	52998	37.399	ng		95
33) 4-Chloroaniline	10.57	127	49277	16.315	ng		96
34) Hexachlorobutadiene	10.75	225	83686	44.037	ng		99
35) Caprolactam	11.35	113	31021m	38.415	ng		
36) 4-Chloro-3-methylphenol	11.72	107	106237	39.807	ng		100
37) 2-Methylnaphthalene	12.08	142	218076	41.715	ng		96
38) 1-Methylnaphthalene	12.30	142	205593	40.867	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	139807	51.590	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	132807	96.613	ng		99
43) 2,4,6-Trichlorophenol	12.70	196	89399	51.151	ng		97
44) 2,4,5-Trichlorophenol	12.77	196	96691	52.061	ng		100
46) 1,1'-Biphenyl	13.10	154	288550	50.901	ng		99
47) 2-Chloronaphthalene	13.14	162	229479	48.706	ng		97
48) 2-Nitroaniline	13.35	65	87453	47.245	ng		95
49) Acenaphthylene	14.00	152	363840	50.073	ng		100
50) Dimethylphthalate	13.75	163	325904	50.017	ng		99
51) 2,6-Dinitrotoluene	13.86	165	63135	45.692	ng		93
52) Acenaphthene	14.35	154	210532	46.783	ng		99
53) 3-Nitroaniline	14.19	138	29345	20.115	ng		99
54) 2,4-Dinitrophenol	14.40	184	45847	59.011	ng		88
55) Dibenzofuran	14.68	168	356309	46.821	ng		99
56) 4-Nitrophenol	14.53	139	103538	88.876	ng		93
57) 2,4-Dinitrotoluene	14.66	165	88926	43.984	ng		98
58) Fluorene	15.34	166	286482	46.522	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.92	232	87465	45.607	ng		99
60) Diethylphthalate	15.13	149	279470	41.701	ng		98
61) 4-Chlorophenyl-phenylether	15.34	204	160241	45.468	ng		99
62) 4-Nitroaniline	15.36	138	47358	28.472	ng		100
63) Azobenzene	15.63	77	321686	48.039	ng		95
65) 4,6-Dinitro-2-methylphenol	15.43	198	37196	36.841	ng		95
66) n-Nitrosodiphenylamine	15.56	169	246477	49.820	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	99543	47.250	ng		94
68) Hexachlorobenzene	16.35	284	111397	45.511	ng		99
69) Atrazine	16.52	200	99146	54.566	ng		99
70) Pentachlorophenol	16.70	266	134051	99.168	ng		97
71) Phenanthrene	17.08	178	469078	46.188	ng		98
72) Anthracene	17.17	178	481729	48.725	ng		99
73) Carbazole	17.45	167	409305	44.096	ng		99
74) Di-n-butylphthalate	18.03	149	480862	43.788	ng		98
75) Fluoranthene	19.06	202	594239	44.468	ng		100
77) Benzidine	19.26	184	392915	100.391	ng		99
78) Pyrene	19.42	202	591789	47.000	ng		98
80) Butylbenzylphthalate	20.31	149	216384	45.216	ng		94
81) Benzo(a)anthracene	21.13	228	555532	46.537	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	204743	45.738	ng		98
83) Chrysene	21.18	228	533747	45.880	ng		97
84) Bis(2-ethylhexyl)phthalate	21.09	149	305292	46.536	ng		99
85) Di-n-octyl phthalate	21.96	149	507094	48.477	ng		95
86) Indeno(1,2,3-cd)pyrene	25.63	276	575549	42.264	ng		97
88) Benzo(b)fluoranthene	22.71	252	518635	46.951	ng		99
89) Benzo(k)fluoranthene	22.75	252	523905	48.644	ng		97
90) Benzo(a)pyrene	23.28	252	480349	45.799	ng		98
91) Dibenzo(a,h)anthracene	25.64	278	489121	45.200	ng	#	97
92) Benzo(g,h,i)perylene	26.32	276	483847	44.977	ng		98

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

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