Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000112.D
Acq On : 09 Sep 2019 00:43
Operator : HP/JU
Sample : K4696-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Manual Integrations APPROVED
mohammad
9/10/2019 2:51:14 PM

Quant Time: Sep 09 07:28:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	427593	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1590715	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	868957	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	1558595	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1292424	20.00	ng		-0.01
87) Perylene-d12	15.62	264	1431726	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2779680	103.66	ng		0.00
7) Phenol-d6	6.52	99	3627324	107.15	ng		0.00
23) Nitrobenzene-d5	7.45	82	1963510	75.74	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	893605	122.00	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3853414	74.06	ng		0.00
79) Terphenyl-d14	13.03	244	4367137	73.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	385044	31.218	ng		95
3) Pyridine	3.49	79	947788	28.522	ng		96
4) n-Nitrosodimethylamine	3.42	42	322703	30.074	ng		87
6) Aniline	6.55	93	1395338	28.482	ng		97
8) 2-Chlorophenol	6.67	128	1069401	38.570	ng		98
9) Benzaldehyde	6.44	77	654378	31.348	ng		96
10) Phenol	6.53	94	1428490	37.982	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	1035822	34.864	ng		98
12) 1,3-Dichlorobenzene	6.83	146	1140828	35.275	ng		99
13) 1,4-Dichlorobenzene	6.91	146	1158043	35.959	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1088241	36.778	ng		98
15) Benzyl Alcohol	7.02	79	870747	35.084	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	974708	30.508	ng		96
17) 2-Methylphenol	7.13	107	880334	36.969	ng		99
18) Hexachloroethane	7.41	117	420971	35.245	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	639405	33.189	ng		97
20) 3+4-Methylphenols	7.29	107	1113671	37.499	ng	#	82
22) Acetophenone	7.29	105	1464160	38.428	ng		99
24) Nitrobenzene	7.46	77	1044774	37.200	ng		96
25) Isophorone	7.70	82	1957943	35.744	ng		99
26) 2-Nitrophenol	7.79	139	501463	45.849	ng		97
27) 2,4-Dimethylphenol	7.82	122	948259	42.966	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	1270403	35.666	ng		98
29) 2,4-Dichlorophenol	8.02	162	904861	39.872	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	977962	37.801	ng		98
31) Naphthalene	8.19	128	2965128	40.627	ng		100
32) Benzoic acid	7.92	122	585648	41.033	ng		95
33) 4-Chloroaniline	8.23	127	821559	23.867	ng		96
34) Hexachlorobutadiene	8.32	225	553030	37.936	ng		99
35) Caprolactam	8.59	113	309367m	38.332	ng		
36) 4-Chloro-3-methylphenol	8.72	107	958068	38.692	ng		92
37) 2-Methylnaphthalene	8.89	142	2059306	40.376	ng		99
38) 1-Methylnaphthalene	8.99	142	1932922	40.222	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	954942	38.826	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1085702	80.169	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	635022	37.439	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	702787	39.601	ng		97
46) 1,1'-Biphenyl	9.35	154	2430986	39.628	ng		98
47) 2-Chloronaphthalene	9.38	162	1916890	37.643	ng		97
48) 2-Nitroaniline	9.46	65	489955	35.621	ng		88
49) Acenaphthylene	9.80	152	3016592	39.923	ng		99
50) Dimethylphthalate	9.65	163	2571125	43.420	ng		99
51) 2,6-Dinitrotoluene	9.71	165	512491	40.775	ng		95
52) Acenaphthene	9.97	154	2036134	42.945	ng		98
53) 3-Nitroaniline	9.87	138	411353	27.396	ng	#	92
54) 2,4-Dinitrophenol	9.98	184	407516	85.789	ng	#	46
55) Dibenzofuran	10.15	168	2758425	40.971	ng		98
56) 4-Nitrophenol	10.03	139	909161	84.713	ng	#	83
57) 2,4-Dinitrotoluene	10.12	165	680060	42.382	ng	#	80
58) Fluorene	10.49	166	2051859	40.494	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	586620	43.657	ng		94
60) Diethylphthalate	10.36	149	2234005	37.691	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	1043369	39.617	ng		97
62) 4-Nitroaniline	10.49	138	564112	39.388	ng		94
63) Azobenzene	10.64	77	2037911	35.905	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	277806	46.587	ng		94
66) n-Nitrosodiphenylamine	10.60	169	1907338	41.191	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	636057	40.156	ng		96
68) Hexachlorobenzene	11.05	284	682622	39.552	ng		99
69) Atrazine	11.12	200	588753	48.773	ng		99
70) Pentachlorophenol	11.23	266	828771	88.622	ng		99
71) Phenanthrene	11.46	178	3181335	40.953	ng		100
72) Anthracene	11.51	178	3242736	42.257	ng		99
73) Carbazole	11.66	167	3046143	42.054	ng		99
74) Di-n-butylphthalate	12.00	149	3532830	40.223	ng		100
75) Fluoranthene	12.66	202	3659495	43.350	ng		97
77) Benzidine	12.77	184	1744850	39.130	ng		98
78) Pyrene	12.89	202	3629810	38.177	ng		99
80) Butylbenzylphthalate	13.52	149	1611756	38.046	ng	#	86
81) Benzo(a)anthracene	14.09	228	3209939	38.328	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	1191584	38.568	ng	#	97
83) Chrysene	14.13	228	3047939	38.476	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	2203904	39.976	ng		100
85) Di-n-octyl phthalate	14.71	149	3870955	39.845	ng	#	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	3798043	38.263	ng		97
88) Benzo(b)fluoranthene	15.17	252	3503053	40.057	ng		99
89) Benzo(k)fluoranthene	15.20	252	3120156	38.988	ng		98
90) Benzo(a)pyrene	15.56	252	3238672	41.025	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	3057774	38.732	ng		99
92) Benzo(g,h,i)perylene	17.63	276	3081377	39.434	ng		98

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

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