Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026294.D
Acq On : 08 Jun 2020 19:33
Operator : JU/CG
Sample : L2893-01MS 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-2AMS

Quant Time: Jun 09 01:53:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 15:00:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	284613	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	1199975	20.00	ng		0.00
39) Acenaphthene-d10	14.10	164	722831	20.00	ng		0.01
64) Phenanthrene-d10	16.86	188	1303609	20.00	ng		0.01
76) Chrysene-d12	21.06	240	1051631	20.00	ng		0.01
86) Perylene-d12	23.18	264	1101981	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	776255	48.22	ng		0.00
7) Phenol-d6	6.66	99	1105843	47.44	ng		0.01
23) Nitrobenzene-d5	8.59	82	763496	31.24	ng		0.00
42) 2,4,6-Tribromophenol	15.60	330	373896	42.70	ng		0.01
45) 2-Fluorobiphenyl	12.72	172	1536707	32.27	ng		0.01
79) Terphenyl-d14	19.50	244	1760729	32.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	64592	8.900	ng		99
3) Pyridine	3.45	79	139338	6.536	ng		94
4) n-Nitrosodimethylamine	3.36	42	104098	9.863	ng	#	92
6) Aniline	6.79	93	265585	8.686	ng		99
8) 2-Chlorophenol	7.02	128	248768	13.398	ng		96
9) Benzaldehyde	6.60	77	160160	10.775	ng		95
10) Phenol	6.68	94	335675	13.522	ng		96
11) bis(2-Chloroethyl)ether	6.89	93	248377	12.422	ng		95
12) 1,3-Dichlorobenzene	7.33	146	265408	12.911	ng		97
13) 1,4-Dichlorobenzene	7.48	146	270477	12.917	ng		100
14) 1,2-Dichlorobenzene	7.79	146	265170	12.964	ng		97
15) Benzyl Alcohol	7.70	79	247035	12.480	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.99	45	406594	10.888	ng		90
17) 2-Methylphenol	7.91	107	223347	12.310	ng		99
18) Hexachloroethane	8.50	117	77077	9.720	ng		97
19) n-Nitroso-di-n-propylamine	8.26	70	246422	13.566	ng		98
20) 3+4-Methylphenols	8.23	107	299549	12.113	ng		97
22) Acetophenone	8.26	105	468031	15.168	ng	#	96
24) Nitrobenzene	8.63	77	346337	13.537	ng	#	96
25) Isophorone	9.16	82	659893	14.372	ng	#	91
26) 2-Nitrophenol	9.34	139	129308	12.771	ng	#	85
27) 2,4-Dimethylphenol	9.42	122	261004	16.329	ng		90
28) bis(2-Chloroethoxy)methane	9.65	93	345479	13.263	ng	#	89
29) 2,4-Dichlorophenol	9.87	162	255073	14.544	ng		99
30) 1,2,4-Trichlorobenzene	10.08	180	256532	13.339	ng		93
31) Naphthalene	10.26	128	845085	13.975	ng	#	95
32) Benzoic acid	9.50	122	15001	6.205	ng	#	1
33) 4-Chloroaniline	10.38	127	220307	8.353	ng		98
34) Hexachlorobutadiene	10.55	225	158016	13.015	ng		95
35) Caprolactam	11.17	113	70506	11.443	ng	#	1
36) 4-Chloro-3-methylphenol	11.53	107	299777	14.028	ng		97
37) 2-Methylnaphthalene	11.89	142	597758	13.872	ng		97
38) 1-Methylnaphthalene	12.12	142	3514394	86.094	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.27	216	294142	14.295	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 15:00:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	5934	0.489	ng		94
43) 2,4,6-Trichlorophenol	12.52	196	196137	14.083	ng		98
44) 2,4,5-Trichlorophenol	12.60	196	199766	12.357	ng	#	76
46) 1,1'-Biphenyl	12.93	154	721268	14.233	ng		98
47) 2-Chloronaphthalene	12.96	162	550136	13.365	ng		98
48) 2-Nitroaniline	13.18	65	221336	13.568	ng		97
49) Acenaphthylene	13.82	152	1003798	15.247	ng	#	91
50) Dimethylphthalate	13.57	163	856602	16.202	ng		98
51) 2,6-Dinitrotoluene	13.69	165	169309	14.594	ng	#	89
52) Acenaphthene	14.17	154	670574	16.966	ng		99
53) 3-Nitroaniline	14.02	138	181179	14.024	ng	#	75
54) 2,4-Dinitrophenol	14.25	184	6416	0.910	ng	#	1
55) Dibenzofuran	14.51	168	1010289	15.865	ng	#	81
56) 4-Nitrophenol	14.36	139	373501	36.458	ng		83
57) 2,4-Dinitrotoluene	14.49	165	296886	18.405	ng	#	92
58) Fluorene	15.16	166	927423	17.930	ng	#	95
59) 2,3,4,6-Tetrachlorophenol	14.75	232	172747	12.493	ng	#	69
60) Diethylphthalate	14.96	149	760742	14.127	ng		97
61) 4-Chlorophenyl-phenylether	15.16	204	335241	12.219	ng		95
62) 4-Nitroaniline	15.19	138	160182	11.626	ng		99
63) Azobenzene	15.46	77	734302	12.463	ng	#	77
65) 4,6-Dinitro-2-methylphenol	15.26	198	8038	1.014	ng	#	1
66) n-Nitrosodiphenylamine	15.38	169	1150984	30.478	ng	#	78
67) 4-Bromophenyl-phenylether	16.06	248	193412	13.478	ng		94
68) Hexachlorobenzene	16.17	284	203714	13.604	ng	#	91
69) Atrazine	16.35	200	183430	16.258	ng		93
70) Pentachlorophenol	16.52	266	231214	25.640	ng		98
71) Phenanthrene	16.90	178	1542238	22.718	ng		97
72) Anthracene	16.99	178	1061877	15.673	ng		96
73) Carbazole	17.26	167	811246	12.626	ng	#	92
74) Di-n-butylphthalate	17.84	149	1356662	17.905	ng		98
75) Fluoranthene	18.92	202	1026780	13.193	ng		98
77) Benzidine	19.12	184	29015	1.328	ng	#	1
78) Pyrene	19.29	202	1145844	16.491	ng		98
80) Butylbenzylphthalate	20.22	149	407753	14.511	ng		98
81) Benzo(a)anthracene	21.04	228	894323	14.168	ng		97
82) 3,3'-Dichlorobenzidine	20.99	252	233807	11.972	ng	#	97
83) Chrysene	21.10	228	870267	14.467	ng		97
84) Bis(2-ethylhexyl)phthalate	21.00	149	926042	23.113	ng		97
85) Di-n-octyl phthalate	21.86	149	995568	16.108	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.25	276	932549	14.629	ng		99
88) Benzo(b)fluoranthene	22.55	252	897145	13.534	ng	#	83
89) Benzo(k)fluoranthene	22.59	252	808664	12.556	ng	#	87
90) Benzo(a)pyrene	23.09	252	789181	13.404	ng	#	86
91) Dibenzo(a,h)anthracene	25.26	278	776925	14.599	ng	#	94
92) Benzo(g,h,i)perylene	25.88	276	813903	16.072	ng		96

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

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