Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024700.D
Acq On : 03 Feb 2020 15:47
Operator : CG/JU
Sample : L1343-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NW-SPMSD

Manual Integrations APPROVED
mohammad
2/4/2020 6:12:27 PM

Quant Time: Feb 04 03:34:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	207938	20.00	ng		-0.02
21) Naphthalene-d8	10.18	136	747071	20.00	ng		-0.02
39) Acenaphthene-d10	14.07	164	502034	20.00	ng		-0.02
64) Phenanthrene-d10	16.83	188	1160170	20.00	ng		-0.02
76) Chrysene-d12	21.04	240	1247876	20.00	ng		-0.02
87) Perylene-d12	23.14	264	1458340	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	1241573	113.55	ng		-0.01
7) Phenol-d6	6.63	99	1541391	102.33	ng		-0.02
23) Nitrobenzene-d5	8.56	82	996531	65.42	ng		-0.02
42) 2,4,6-Tribromophenol	15.57	330	923022	113.03	ng		-0.02
45) 2-Fluorobiphenyl	12.69	172	2701096	73.15	ng		-0.02
79) Terphenyl-d14	19.49	244	5019481	75.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	179274	41.449	ng		92
3) Pyridine	3.43	79	438956	35.009	ng		96
4) n-Nitrosodimethylamine	3.35	42	202326	36.354	ng		82
6) Aniline	6.76	93	417558	22.772	ng		97
8) 2-Chlorophenol	7.00	128	599246	48.144	ng		93
9) Benzaldehyde	6.57	77	256210	28.788	ng		92
10) Phenol	6.65	94	676745	45.073	ng		94
11) bis(2-Chloroethyl)ether	6.86	93	506551	42.143	ng		95
12) 1,3-Dichlorobenzene	7.32	146	699876	45.770	ng		96
13) 1,4-Dichlorobenzene	7.46	146	713577	45.999	ng		97
14) 1,2-Dichlorobenzene	7.77	146	675492	45.111	ng		97
15) Benzyl Alcohol	7.67	79	482886	38.884	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	389612	35.408	ng		99
17) 2-Methylphenol	7.88	107	458366	43.322	ng		95
18) Hexachloroethane	8.49	117	246065	41.077	ng		92
19) n-Nitroso-di-n-propylamine	8.23	70	386195	34.149	ng		94
20) 3+4-Methylphenols	8.20	107	617234	42.143	ng		96
22) Acetophenone	8.24	105	799283	41.492	ng	#	95
24) Nitrobenzene	8.60	77	600542	41.138	ng		93
25) Isophorone	9.13	82	1065592	41.168	ng		97
26) 2-Nitrophenol	9.31	139	334081	49.423	ng		90
27) 2,4-Dimethylphenol	9.39	122	516934	56.276	ng		93
28) bis(2-Chloroethoxy)methane	9.62	93	665448	42.085	ng		98
29) 2,4-Dichlorophenol	9.84	162	622728	50.179	ng		97
30) 1,2,4-Trichlorobenzene	10.05	180	728413	48.667	ng		99
31) Naphthalene	10.23	128	1772466	46.974	ng		99
32) Benzoic acid	9.55	122	381004m	45.343	ng		
33) 4-Chloroaniline	10.35	127	250166	15.126	ng		96
34) Hexachlorobutadiene	10.53	225	481622	46.549	ng		98
35) Caprolactam	11.12	113	177236m	44.515	ng		
36) 4-Chloro-3-methylphenol	11.49	107	566451	42.925	ng		92
37) 2-Methylnaphthalene	11.86	142	1342499	46.104	ng		98
38) 1-Methylnaphthalene	12.08	142	1274373	46.008	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	836877	46.707	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	1122653	111.783	ng		100
43) 2,4,6-Trichlorophenol	12.49	196	553819	48.572	ng		97
44) 2,4,5-Trichlorophenol	12.56	196	592572	50.889	ng	#	95
46) 1,1'-Biphenyl	12.90	154	1746204	45.962	ng		99
47) 2-Chloronaphthalene	12.93	162	1396962	45.546	ng		97
48) 2-Nitroaniline	13.15	65	336193	35.938	ng	#	83
49) Acenaphthylene	13.79	152	2226005	48.480	ng		100
50) Dimethylphthalate	13.55	163	1860809	45.838	ng		100
51) 2,6-Dinitrotoluene	13.66	165	401238	46.488	ng	#	85
52) Acenaphthene	14.14	154	1306801	45.865	ng		100
53) 3-Nitroaniline	13.98	138	212211	23.706	ng		94
54) 2,4-Dinitrophenol	14.20	184	508008	98.427	ng	#	85
55) Dibenzofuran	14.48	168	2201863	47.386	ng		96
56) 4-Nitrophenol	14.32	139	709326	101.368	ng	#	83
57) 2,4-Dinitrotoluene	14.46	165	558536	45.153	ng		86
58) Fluorene	15.13	166	1769979	45.326	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	574565	48.656	ng		95
60) Diethylphthalate	14.93	149	1746365	42.373	ng		98
61) 4-Chlorophenyl-phenylether	15.14	204	981613	43.602	ng		98
62) 4-Nitroaniline	15.16	138	385825	39.047	ng		90
63) Azobenzene	15.43	77	1377900	39.195	ng		93
65) 4,6-Dinitro-2-methylphenol	15.22	198	363066	53.224	ng		88
66) n-Nitrosodiphenylamine	15.36	169	1549533	46.496	ng		100
67) 4-Bromophenyl-phenylether	16.03	248	655634	45.443	ng		96
68) Hexachlorobenzene	16.14	284	776363	46.892	ng		96
69) Atrazine	16.32	200	636959	49.793	ng		99
70) Pentachlorophenol	16.49	266	1029161	102.050	ng		100
71) Phenanthrene	16.87	178	3062867	48.752	ng		99
72) Anthracene	16.96	178	3020058	49.128	ng		99
73) Carbazole	17.23	167	2636028	47.105	ng		99
74) Di-n-butylphthalate	17.83	149	3101405	43.351	ng		99
75) Fluoranthene	18.90	202	4248188	54.178	ng		99
77) Benzidine	19.10	184	2001050	68.856	ng		100
78) Pyrene	19.26	202	4215026	51.237	ng		100
80) Butylbenzylphthalate	20.20	149	1469232	42.563	ng		91
81) Benzo(a)anthracene	21.03	228	4115108	47.513	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	1196782	38.413	ng		100
83) Chrysene	21.07	228	3935577	47.621	ng		99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2200674	43.207	ng		98
85) Di-n-octyl phthalate	21.85	149	3739933	44.444	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	4948138	54.933	ng		99
88) Benzo(b)fluoranthene	22.53	252	4429784	46.834	ng		99
89) Benzo(k)fluoranthene	22.57	252	4184128	45.320	ng		99
90) Benzo(a)pyrene	23.06	252	3977518	46.253	ng		100
91) Dibenzo(a,h)anthracene	25.23	278	4134009	50.649	ng		99
92) Benzo(g,h,i)perylene	25.84	276	4148088	55.970	ng		99

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

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