Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022725.D
Acq On : 20 Sep 2019 13:19
Operator : HP/JU
Sample : SSTDICC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Sep 20 15:29:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 15:22:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	181179	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	710968	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	405658	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	793896	20.00	ng	0.00
76) Chrysene-d12	21.38	240	791829	20.00	ng	0.00
87) Perylene-d12	23.66	264	832037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	896639	88.19	ng	0.00
7) Phenol-d6	6.99	99	1146121	84.65	ng	0.00
23) Nitrobenzene-d5	8.98	82	1012485	69.26	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	400004	60.92	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	2348090	72.30	ng	0.00
79) Terphenyl-d14	19.82	244	3328419	61.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	178594	41.924	ng	# 100
3) Pyridine	3.72	79	502379	46.551	ng	100
4) n-Nitrosodimethylamine	3.63	42	169837	26.268	ng	100
6) Aniline	7.15	93	685328	37.806	ng	100
8) 2-Chlorophenol	7.39	128	453114	37.430	ng	100
9) Benzaldehyde	6.96	77	378827	44.152	ng	100
10) Phenol	7.02	94	538973	37.601	ng	100
11) bis(2-Chloroethyl)ether	7.25	93	421813	37.200	ng	100
12) 1,3-Dichlorobenzene	7.72	146	541570	36.704	ng	100
13) 1,4-Dichlorobenzene	7.86	146	545328	36.405	ng	100
14) 1,2-Dichlorobenzene	8.18	146	520888	35.704	ng	100
15) Benzyl Alcohol	8.06	79	356866	29.984	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.36	45	612678	38.998	ng	100
17) 2-Methylphenol	8.26	107	357031	34.922	ng	100
18) Hexachloroethane	8.91	117	200161	30.778	ng	100
19) n-Nitroso-di-n-propylamine	8.63	70	321403	30.136	ng	100
20) 3+4-Methylphenols	8.59	107	473549	34.297	ng	100
22) Acetophenone	8.65	105	755018	41.396	ng	100
24) Nitrobenzene	9.02	77	485062	32.410	ng	100
25) Isophorone	9.55	82	828689	31.944	ng	100
26) 2-Nitrophenol	9.73	139	206399	32.558	ng	100
27) 2,4-Dimethylphenol	9.79	122	349050	36.528	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	572904	37.329	ng	100
29) 2,4-Dichlorophenol	10.26	162	393279	34.106	ng	100
30) 1,2,4-Trichlorobenzene	10.48	180	484423	34.106	ng	100
31) Naphthalene	10.67	128	1381594	37.415	ng	100
32) Benzoic acid	9.92	122	259794	31.849	ng	100
33) 4-Chloroaniline	10.77	127	602709	39.002	ng	100
34) Hexachlorobutadiene	10.96	225	286130	23.478	ng	100
35) Caprolactam	11.55	113	115708	37.330	ng	100
36) 4-Chloro-3-methylphenol	11.89	107	384163	31.519	ng	100
37) 2-Methylnaphthalene	12.28	142	956253	35.430	ng	100
38) 1-Methylnaphthalene	12.50	142	914269	35.464	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	616402	38.819	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	290756	39.344	ng		100
43) 2,4,6-Trichlorophenol	12.89	196	312645	32.846	ng		100
44) 2,4,5-Trichlorophenol	12.96	196	322707	33.400	ng		100
46) 1,1'-Biphenyl	13.29	154	1463344	45.869	ng		100
47) 2-Chloronaphthalene	13.33	162	985978	37.553	ng		100
48) 2-Nitroaniline	13.53	65	258983	31.206	ng		100
49) Acenaphthylene	14.18	152	1459654	36.245	ng		100
50) Dimethylphthalate	13.92	163	1145226	33.579	ng		100
51) 2,6-Dinitrotoluene	14.03	165	240404	35.693	ng		100
52) Acenaphthene	14.52	154	960170	40.884	ng		100
53) 3-Nitroaniline	14.36	138	280204	41.775	ng		100
54) 2,4-Dinitrophenol	14.56	184	111072	33.362	ng		100
55) Dibenzofuran	14.86	168	1389700	35.610	ng		100
56) 4-Nitrophenol	14.66	139	216564	48.444	ng		100
57) 2,4-Dinitrotoluene	14.82	165	317786	32.866	ng		100
58) Fluorene	15.50	166	1133037	34.439	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	280819	29.152	ng		99
60) Diethylphthalate	15.28	149	1110123	30.867	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	582863	28.111	ng		100
62) 4-Nitroaniline	15.52	138	295283	47.565	ng		100
63) Azobenzene	15.79	77	1027444	29.646	ng		100
65) 4,6-Dinitro-2-methylphenol	15.57	198	143862	30.181	ng		100
66) n-Nitrosodiphenylamine	15.71	169	952137	37.403	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	343430	29.192	ng		100
68) Hexachlorobenzene	16.51	284	401022	30.005	ng		100
69) Atrazine	16.66	200	306828	36.399	ng		100
70) Pentachlorophenol	16.85	266	214076	32.922	ng		100
71) Phenanthrene	17.24	178	1749672	38.004	ng		100
72) Anthracene	17.33	178	1709991	37.416	ng		100
73) Carbazole	17.59	167	1592660	41.764	ng		100
74) Di-n-butylphthalate	18.17	149	1790520	30.946	ng		100
75) Fluoranthene	19.25	202	1974078	35.557	ng		100
77) Benzidine	19.43	184	864793	48.693	ng		100
78) Pyrene	19.62	202	2056181	36.892	ng		100
80) Butylbenzylphthalate	20.52	149	767362	30.782	ng		100
81) Benzo(a)anthracene	21.36	228	2029234	36.441	ng		100
82) 3,3'-Dichlorobenzidine	21.30	252	733481	37.777	ng		100
83) Chrysene	21.42	228	1968636	36.622	ng		100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1155061	30.809	ng		100
85) Di-n-octyl phthalate	22.19	149	1789953	29.497	ng		100
86) Indeno(1,2,3-cd)pyrene	25.97	276	2322827	38.576	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	1997665	35.957	ng		100
89) Benzo(k)fluoranthene	23.02	252	2001861	36.862	ng		100
90) Benzo(a)pyrene	23.56	252	1848906	36.543	ng		100
91) Dibenzo(a,h)anthracene	25.98	278	1943032	36.142	ng		100
92) Benzo(g,h,i)perylene	26.67	276	1820275	38.728	ng		100

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

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