Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM043019\
Data File : BM020084.D
Acq On : 30 Apr 2019 20:24
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM043019

Quant Time: May 01 04:05:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	97530	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	377445	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	226888	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	548383	20.00	ng		0.00
76) Chrysene-d12	21.36	240	595376	20.00	ng		0.00
87) Perylene-d12	23.65	264	648345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	476770	79.91	ng		0.00
7) Phenol-d6	6.95	99	644301	79.04	ng		0.00
23) Nitrobenzene-d5	8.96	82	771651	80.71	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	287573	81.66	ng		0.00
45) 2-Fluorobiphenyl	13.06	172	1483218	80.43	ng		0.00
79) Terphenyl-d14	19.81	244	2655959	77.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	115039	39.312	ng		97
3) Pyridine	3.70	79	318004	42.490	ng		98
4) n-Nitrosodimethylamine	3.62	42	97158	40.484	ng	#	91
6) Aniline	7.13	93	407579	39.722	ng		99
8) 2-Chlorophenol	7.35	128	257034	39.563	ng		97
9) Benzaldehyde	6.94	77	246298	39.922	ng		97
10) Phenol	6.97	94	340473	38.800	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	252811	39.639	ng		98
12) 1,3-Dichlorobenzene	7.68	146	300148	39.708	ng		96
13) 1,4-Dichlorobenzene	7.83	146	297287	38.932	ng		96
14) 1,2-Dichlorobenzene	8.14	146	285552	39.251	ng		98
15) Benzyl Alcohol	8.03	79	305746	38.899	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.31	45	208534	39.431	ng		95
17) 2-Methylphenol	8.23	107	221614	39.232	ng		97
18) Hexachloroethane	8.86	117	123802	38.884	ng		97
19) n-Nitroso-di-n-propylamine	8.60	70	268452	38.494	ng		99
20) 3+4-Methylphenols	8.55	107	293921	39.150	ng		98
22) Acetophenone	8.62	105	412425	39.981	ng	#	97
24) Nitrobenzene	9.00	77	402579	40.613	ng		99
25) Isophorone	9.52	82	661547	40.126	ng		100
26) 2-Nitrophenol	9.70	139	125859	42.057	ng		94
27) 2,4-Dimethylphenol	9.75	122	195746	39.289	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	359552	40.042	ng		99
29) 2,4-Dichlorophenol	10.23	162	254279	40.475	ng		96
30) 1,2,4-Trichlorobenzene	10.45	180	305819	39.561	ng		97
31) Naphthalene	10.63	128	772049	39.416	ng		98
32) Benzoic acid	9.87	122	126648	37.418	ng		93
33) 4-Chloroaniline	10.75	127	318715	39.534	ng		98
34) Hexachlorobutadiene	10.90	225	218953	40.040	ng		97
35) Caprolactam	11.53	113	74650	39.739	ng		95
36) 4-Chloro-3-methylphenol	11.86	107	290443	39.341	ng		98
37) 2-Methylnaphthalene	12.25	142	564673	39.544	ng		100
38) 1-Methylnaphthalene	12.47	142	547513	39.210	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	361221	40.693	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	212235	40.606	ng		99
43) 2,4,6-Trichlorophenol	12.86	196	208399	41.309	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	230693	40.933	ng		96
46) 1,1'-Biphenyl	13.27	154	753032	40.323	ng		100
47) 2-Chloronaphthalene	13.31	162	594600	39.878	ng		99
48) 2-Nitroaniline	13.52	65	221328	41.694	ng		97
49) Acenaphthylene	14.16	152	961014	40.272	ng		99
50) Dimethylphthalate	13.89	163	778023	40.346	ng		99
51) 2,6-Dinitrotoluene	14.02	165	164485	40.498	ng		97
52) Acenaphthene	14.50	154	551054	40.269	ng		99
53) 3-Nitroaniline	14.35	138	156070	41.402	ng		99
54) 2,4-Dinitrophenol	14.55	184	71601	39.939	ng		98
55) Dibenzofuran	14.83	168	918708	39.802	ng		100
56) 4-Nitrophenol	14.64	139	136930	42.574	ng		99
57) 2,4-Dinitrotoluene	14.80	165	228299	41.367	ng		97
58) Fluorene	15.48	166	747877	39.452	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	220638	41.197	ng		99
60) Diethylphthalate	15.26	149	776519	39.969	ng		99
61) 4-Chlorophenyl-phenylether	15.48	204	428199	39.866	ng		97
62) 4-Nitroaniline	15.51	138	169360	40.710	ng		98
63) Azobenzene	15.77	77	918757	40.086	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	105867	39.715	ng		97
66) n-Nitrosodiphenylamine	15.70	169	642667	39.827	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	268278	39.895	ng		96
68) Hexachlorobenzene	16.47	284	306675	39.631	ng		97
69) Atrazine	16.64	200	252793	40.087	ng		97
70) Pentachlorophenol	16.82	266	180193	40.698	ng		95
71) Phenanthrene	17.22	178	1207870	39.902	ng		99
72) Anthracene	17.32	178	1208802	39.940	ng		99
73) Carbazole	17.59	167	1093906	40.056	ng		99
74) Di-n-butylphthalate	18.14	149	1299442	39.538	ng		99
75) Fluoranthene	19.24	202	1525451	39.828	ng		99
77) Benzidine	19.43	184	658895	34.616	ng		99
78) Pyrene	19.60	202	1573543	39.365	ng		100
80) Butylbenzylphthalate	20.50	149	584044	40.179	ng		96
81) Benzo(a)anthracene	21.35	228	1650476	39.529	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	632738	39.705	ng		99
83) Chrysene	21.40	228	1577702	38.961	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	895318	39.692	ng		100
85) Di-n-octyl phthalate	22.17	149	1512855	40.354	ng		100
86) Indeno(1,2,3-cd)pyrene	25.99	276	1920520	39.873	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1718201	40.132	ng		99
89) Benzo(k)fluoranthene	23.00	252	1526781	39.094	ng		98
90) Benzo(a)pyrene	23.55	252	1554236	39.967	ng		98
91) Dibenzo(a,h)anthracene	26.00	278	1605947	39.710	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1532695	39.918	ng		98

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

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