Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
Data File : BF114795.D
Acq On : 4 Jun 2019 16:52
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF060419

Quant Time: Jun 04 17:24:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	390795	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1575516	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	784008	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1478063	20.00	ng		0.00
76) Chrysene-d12	13.79	240	865190	20.00	ng		0.00
87) Perylene-d12	15.18	264	1055452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1771294	79.20	ng		0.00
7) Phenol-d6	6.30	99	2184573	80.27	ng		0.00
23) Nitrobenzene-d5	7.23	82	2052740	80.20	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	673215	79.68	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	3590158	85.78	ng		0.00
79) Terphenyl-d14	12.75	244	3368165	75.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	417445	39.094	ng		99
3) Pyridine	2.96	79	1175095	40.043	ng		99
4) n-Nitrosodimethylamine	2.91	42	417138	38.839	ng		96
6) Aniline	6.33	93	1544304	39.993	ng		97
8) 2-Chlorophenol	6.45	128	1034042	40.016	ng		99
9) Benzaldehyde	6.21	77	739725	39.187	ng		97
10) Phenol	6.32	94	1266126	40.684	ng		93
11) bis(2-Chloroethyl)ether	6.40	93	978982	40.308	ng		97
12) 1,3-Dichlorobenzene	6.61	146	1211106	40.221	ng		100
13) 1,4-Dichlorobenzene	6.69	146	1225561	40.450	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1127024	41.188	ng		100
15) Benzyl Alcohol	6.81	79	846222	41.119	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1396309	40.198	ng		99
17) 2-Methylphenol	6.93	107	879020	39.796	ng		99
18) Hexachloroethane	7.18	117	451579	39.598	ng		100
19) n-Nitroso-di-n-propylamine	7.09	70	707712	39.286	ng		99
20) 3+4-Methylphenols	7.08	107	991884	40.714	ng	#	82
22) Acetophenone	7.08	105	1385802	39.951	ng		99
24) Nitrobenzene	7.25	77	1077712	40.646	ng		98
25) Isophorone	7.49	82	1972387	38.982	ng		98
26) 2-Nitrophenol	7.56	139	584581	40.707	ng	#	90
27) 2,4-Dimethylphenol	7.61	122	872427	39.971	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	1292118	39.949	ng		99
29) 2,4-Dichlorophenol	7.81	162	912471	39.736	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	1068575	40.555	ng		99
31) Naphthalene	7.97	128	2913044	41.069	ng		99
32) Benzoic acid	7.74	122	699185	43.982	ng		96
33) 4-Chloroaniline	8.02	127	1357788	40.126	ng		98
34) Hexachlorobutadiene	8.10	225	606843	40.510	ng		99
35) Caprolactam	8.40	113	291834	38.904	ng		98
36) 4-Chloro-3-methylphenol	8.50	107	906807	39.685	ng		98
37) 2-Methylnaphthalene	8.66	142	2003688	40.727	ng		99
38) 1-Methylnaphthalene	8.76	142	1898740	40.696	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	919463	40.695	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	551723	40.263	ng	98
43) 2,4,6-Trichlorophenol	8.94	196	691611	39.366	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	703125	39.739	ng	99
46) 1,1'-Biphenyl	9.13	154	2381164	40.979	ng	98
47) 2-Chloronaphthalene	9.15	162	2024836	41.010	ng	99
48) 2-Nitroaniline	9.24	65	585861	39.761	ng	98
49) Acenaphthylene	9.56	152	2946516	41.152	ng	98
50) Dimethylphthalate	9.43	163	2315085	40.430	ng	99
51) 2,6-Dinitrotoluene	9.49	165	538452	39.985	ng	95
52) Acenaphthene	9.73	154	1895302	40.408	ng	100
53) 3-Nitroaniline	9.65	138	630609	40.086	ng	96
54) 2,4-Dinitrophenol	9.75	184	252358	41.413	ng	95
55) Dibenzofuran	9.90	168	2560013	39.251	ng	97
56) 4-Nitrophenol	9.80	139	454727	39.448	ng	98
57) 2,4-Dinitrotoluene	9.88	165	700725	41.392	ng	91
58) Fluorene	10.24	166	1813670	42.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	576945	39.800	ng	99
60) Diethylphthalate	10.13	149	2336770	40.669	ng	100
61) 4-Chlorophenyl-phenylether	10.24	204	935920	37.466	ng	97
62) 4-Nitroaniline	10.26	138	597461	39.156	ng	99
63) Azobenzene	10.40	77	1987004	40.626	ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	318195	41.443	ng	90
66) n-Nitrosodiphenylamine	10.36	169	1782326	39.879	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	666595	39.709	ng	99
68) Hexachlorobenzene	10.79	284	739681	40.261	ng	98
69) Atrazine	10.89	200	613065	39.441	ng	100
70) Pentachlorophenol	10.97	266	428825	40.376	ng	99
71) Phenanthrene	11.19	178	2860468	40.539	ng	99
72) Anthracene	11.25	178	2890417	38.924	ng	100
73) Carbazole	11.40	167	2528135	39.714	ng	99
74) Di-n-butylphthalate	11.75	149	3310092	39.534	ng	99
75) Fluoranthene	12.37	202	2830311	38.539	ng	99
77) Benzidine	12.49	184	1485577	34.684	ng	97
78) Pyrene	12.60	202	2838401	37.817	ng	99
80) Butylbenzylphthalate	13.23	149	1431730	37.775	ng	99
81) Benzo(a)anthracene	13.78	228	2577710	38.663	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	1001996	37.063	ng	100
83) Chrysene	13.82	228	2446649	37.723	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1871892	39.058	ng	100
85) Di-n-octyl phthalate	14.41	149	3165850	38.876	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2700533	36.492	ng	100
88) Benzo(b)fluoranthene	14.80	252	2725141	40.558	ng	99
89) Benzo(k)fluoranthene	14.83	252	2180747	38.218	ng	99
90) Benzo(a)pyrene	15.13	252	2321282	39.914	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	2204019	40.018	ng	98
92) Benzo(g,h,i)perylene	16.89	276	2169940	39.179	ng	99

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

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