Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
Data File : BF118825.D
Acq On : 5 Feb 2020 12:45
Operator : CG/JU
Sample : L1360-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
2/6/2020 2:18:54 PM

Quant Time: Feb 06 11:34:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	207498	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	794858	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	451239	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	919611	20.00	ng		0.00
76) Chrysene-d12	13.97	240	861910	20.00	ng		0.00
87) Perylene-d12	15.42	264	1030223	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1053982	96.15	ng		0.00
7) Phenol-d6	6.45	99	1319997	97.01	ng		0.00
23) Nitrobenzene-d5	7.37	82	839725	62.97	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	516038	95.58	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1777762	70.43	ng		-0.01
79) Terphenyl-d14	12.92	244	2644316	63.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	170581	34.146	ng		100
3) Pyridine	3.31	79	433243	31.232	ng		99
4) n-Nitrosodimethylamine	3.24	42	193064	38.227	ng		96
6) Aniline	6.47	93	344268	19.644	ng		94
8) 2-Chlorophenol	6.60	128	533220	43.673	ng		98
9) Benzaldehyde	6.36	77	247384	28.597	ng		100
10) Phenol	6.46	94	636171	42.046	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	480389	41.500	ng		99
12) 1,3-Dichlorobenzene	6.76	146	572809	39.414	ng		97
13) 1,4-Dichlorobenzene	6.83	146	588148	40.572	ng		99
14) 1,2-Dichlorobenzene	6.99	146	548074	39.578	ng		99
15) Benzyl Alcohol	6.95	79	448947	42.684	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	548088	38.664	ng		97
17) 2-Methylphenol	7.07	107	422894	41.661	ng		99
18) Hexachloroethane	7.33	117	201727	38.772	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	335942	40.350	ng		97
20) 3+4-Methylphenols	7.22	107	518266	40.733	ng	#	90
22) Acetophenone	7.22	105	676116	39.151	ng	#	98
24) Nitrobenzene	7.39	77	533066	40.014	ng		97
25) Isophorone	7.63	82	956745	39.920	ng		99
26) 2-Nitrophenol	7.71	139	295107	41.572	ng		99
27) 2,4-Dimethylphenol	7.75	122	429772	44.568	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	585764	37.692	ng		99
29) 2,4-Dichlorophenol	7.95	162	469382	40.645	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	516817	38.288	ng		99
31) Naphthalene	8.12	128	1502861	41.340	ng		99
32) Benzoic acid	7.87	122	315321	39.494	ng		97
33) 4-Chloroaniline	8.16	127	192396	11.829	ng		97
34) Hexachlorobutadiene	8.24	225	301630	36.474	ng		99
35) Caprolactam	8.53	113	161601m	43.166	ng		
36) 4-Chloro-3-methylphenol	8.65	107	482225	41.493	ng		98
37) 2-Methylnaphthalene	8.81	142	1058907	41.999	ng		99
38) 1-Methylnaphthalene	8.91	142	985339	41.544	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	514683	37.792	ng		99

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Quant Time: Feb 06 11:34:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	484685	90.763	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	364497	40.024	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	382976	41.157	ng		98
46) 1,1'-Biphenyl	9.27	154	1278472	40.958	ng		98
47) 2-Chloronaphthalene	9.30	162	1018157	39.236	ng		98
48) 2-Nitroaniline	9.39	65	290197	38.774	ng		93
49) Acenaphthylene	9.71	152	1586111	42.333	ng		99
50) Dimethylphthalate	9.57	163	1298098	42.249	ng		99
51) 2,6-Dinitrotoluene	9.63	165	287534	40.900	ng		91
52) Acenaphthene	9.89	154	1089194	44.116	ng		99
53) 3-Nitroaniline	9.79	138	134986	17.313	ng		94
54) 2,4-Dinitrophenol	9.91	184	287336	85.019	ng	#	89
55) Dibenzofuran	10.06	168	1452033	40.695	ng		98
56) 4-Nitrophenol	9.96	139	506099	89.689	ng		99
57) 2,4-Dinitrotoluene	10.03	165	402686	43.283	ng	#	88
58) Fluorene	10.40	166	1103766	41.119	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	338986	41.714	ng		99
60) Diethylphthalate	10.27	149	1204294	40.309	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	577703	39.684	ng		94
62) 4-Nitroaniline	10.41	138	280876	35.974	ng		99
63) Azobenzene	10.55	77	1056567	41.423	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	223116	43.177	ng		94
66) n-Nitrosodiphenylamine	10.50	169	1032650	38.767	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	394878	36.299	ng		95
68) Hexachlorobenzene	10.95	284	454599	36.433	ng		96
69) Atrazine	11.03	200	395527	44.569	ng		99
70) Pentachlorophenol	11.15	266	503229	76.381	ng		98
71) Phenanthrene	11.36	178	1772346	39.171	ng		99
72) Anthracene	11.41	178	1832257	40.706	ng		98
73) Carbazole	11.56	167	1664382	42.133	ng		99
74) Di-n-butylphthalate	11.90	149	1968169	39.112	ng		99
75) Fluoranthene	12.55	202	2076131	42.026	ng		99
77) Benzidine	12.66	184	904172	34.684	ng		99
78) Pyrene	12.77	202	2135481	36.115	ng		99
80) Butylbenzylphthalate	13.39	149	956306	35.434	ng		97
81) Benzo(a)anthracene	13.96	228	2026836	39.518	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	527311	25.138	ng		99
83) Chrysene	14.00	228	2007851	39.005	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1274499	37.222	ng		100
85) Di-n-octyl phthalate	14.56	149	2325003	39.636	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	2485710	48.061	ng		100
88) Benzo(b)fluoranthene	15.00	252	2418931	37.839	ng		99
89) Benzo(k)fluoranthene	15.03	252	2031705	36.497	ng		100
90) Benzo(a)pyrene	15.36	252	2048183	37.437	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	2061626	42.449	ng		99
92) Benzo(g,h,i)perylene	17.29	276	2006381	42.956	ng		100

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

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