Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121280.D
Acq On : 13 Aug 2020 20:08
Operator : JU/CG
Sample : L3653-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Manual Integrations APPROVED
Sohil
8/14/2020 2:53:27 PM

Quant Time: Aug 14 01:15:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	81502	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	315316	40.00	ng		0.00
39) Acenaphthene-d10	9.76	164	165949	40.00	ng		0.00
64) Phenanthrene-d10	11.24	188	323744	40.00	ng		0.00
76) Chrysene-d12	13.87	240	269861	40.00	ng		0.00
86) Perylene-d12	15.29	264	274721	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	430382	160.12	ng		0.01
7) Phenol-d6	6.36	99	522253	150.78	ng		0.00
23) Nitrobenzene-d5	7.29	82	333710	115.68	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	158888	155.53	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	658972	109.86	ng		0.00
79) Terphenyl-d14	12.82	244	741468	107.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	91732	80.194	ng		99
3) Pyridine	3.05	79	209675	70.416	ng		98
4) n-Nitrosodimethylamine	2.99	42	109129	89.486	ng		98
6) Aniline	6.38	93	230338	56.096	ng		98
8) 2-Chlorophenol	6.50	128	244250	82.637	ng		98
9) Benzaldehyde	6.27	77	150698	84.424	ng		94
10) Phenol	6.37	94	312023	83.040	ng		99
11) bis(2-Chloroethyl)ether	6.46	93	234299	86.386	ng		100
12) 1,3-Dichlorobenzene	6.66	146	255709	81.878	ng		97
13) 1,4-Dichlorobenzene	6.74	146	259675	82.265	ng		99
14) 1,2-Dichlorobenzene	6.89	146	247923	83.219	ng		99
15) Benzyl Alcohol	6.87	79	193153	83.245	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	329070	84.257	ng		99
17) 2-Methylphenol	6.98	107	200044	85.682	ng		99
18) Hexachloroethane	7.23	117	93271	83.556	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	152898	79.447	ng		97
20) 3+4-Methylphenols	7.14	107	240023	81.030	ng	#	78
22) Acetophenone	7.13	105	319675	78.724	ng	#	98
24) Nitrobenzene	7.30	77	247368	79.028	ng		95
25) Isophorone	7.55	82	454222	78.425	ng		97
26) 2-Nitrophenol	7.62	139	129923	85.666	ng		92
27) 2,4-Dimethylphenol	7.66	122	215560	88.709	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	286458	88.426	ng		99
29) 2,4-Dichlorophenol	7.87	162	201373	81.039	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	221356	80.711	ng		99
31) Naphthalene	8.03	128	693456	78.181	ng		100
32) Benzoic acid	7.79	122	113344	85.954	ng		99
33) 4-Chloroaniline	8.08	127	131034	36.200	ng		98
34) Hexachlorobutadiene	8.15	225	125139	75.413	ng		99
35) Caprolactam	8.44	113	65470m	87.472	ng		
36) 4-Chloro-3-methylphenol	8.57	107	207491	81.843	ng		94
37) 2-Methylnaphthalene	8.72	142	464759	79.626	ng		98
38) 1-Methylnaphthalene	8.82	142	440438	79.696	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	220147	79.184	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	181750	154.031	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	142597	80.647	ng		99
44) 2,4,5-Trichlorophenol	9.04	196	154039	80.207	ng		98
46) 1,1'-Biphenyl	9.18	154	564208	78.696	ng		99
47) 2-Chloronaphthalene	9.20	162	435311	78.876	ng		98
48) 2-Nitroaniline	9.30	65	131770	84.943	ng		95
49) Acenaphthylene	9.62	152	704406	80.359	ng		99
50) Dimethylphthalate	9.48	163	580562	92.984	ng		99
51) 2,6-Dinitrotoluene	9.55	165	113998	81.907	ng		95
52) Acenaphthene	9.79	154	402361	77.528	ng		99
53) 3-Nitroaniline	9.71	138	71492	44.987	ng		98
54) 2,4-Dinitrophenol	9.82	184	100564	138.331	ng	#	82
55) Dibenzofuran	9.96	168	631340	76.389	ng		99
56) 4-Nitrophenol	9.89	139	177052	172.641	ng		92
57) 2,4-Dinitrotoluene	9.95	165	151630	83.015	ng		98
58) Fluorene	10.30	166	470526	75.210	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.08	232	131385	86.524	ng		96
60) Diethylphthalate	10.18	149	512957	80.791	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	233075	76.600	ng		99
62) 4-Nitroaniline	10.32	138	125570	78.811	ng		97
63) Azobenzene	10.46	77	488791	77.048	ng		98
65) 4,6-Dinitro-2-methylphenol	10.36	198	77903	79.945	ng		93
66) n-Nitrosodiphenylamine	10.42	169	434977	78.368	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	151188	80.071	ng		99
68) Hexachlorobenzene	10.85	284	173981	80.804	ng		96
69) Atrazine	10.95	200	123013	74.096	ng		98
70) Pentachlorophenol	11.05	266	168958	174.956	ng		99
71) Phenanthrene	11.26	178	721285	77.888	ng		100
72) Anthracene	11.32	178	751763	80.896	ng		100
73) Carbazole	11.47	167	692267	76.170	ng		99
74) Di-n-butylphthalate	11.80	149	848611	82.723	ng		99
75) Fluoranthene	12.45	202	824551	79.963	ng		98
77) Benzidine	12.57	184	413846	116.670	ng		99
78) Pyrene	12.67	202	840547	83.654	ng		99
80) Butylbenzylphthalate	13.30	149	375849	91.574	ng		98
81) Benzo(a)anthracene	13.86	228	709073	77.480	ng		100
82) 3,3'-Dichlorobenzidine	13.83	252	160089	44.090	ng		99
83) Chrysene	13.90	228	749641	80.229	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	475413	84.038	ng		100
85) Di-n-octyl phthalate	14.47	149	911645	87.893	ng		100
87) Indeno(1,2,3-cd)pyrene	16.66	276	766104	75.015	ng		99
88) Benzo(b)fluoranthene	14.89	252	728828	79.189	ng		99
89) Benzo(k)fluoranthene	14.92	252	728356	85.221	ng		98
90) Benzo(a)pyrene	15.23	252	663338	79.853	ng		97
91) Dibenzo(a,h)anthracene	16.68	278	634554	72.515	ng		98
92) Benzo(g,h,i)perylene	17.07	276	639426	74.045	ng		99

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

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