Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121303.D
Acq On : 17 Aug 2020 11:40
Operator : JU/CG
Sample : L3653-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-STOCKMS

Manual Integrations APPROVED
mohammad
8/18/2020 1:49:55 PM

Quant Time: Aug 17 12:08:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79098	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	313622	20.00	ng		0.00
39) Acenaphthene-d10	9.75	164	166892	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	337843	20.00	ng		0.00
76) Chrysene-d12	13.86	240	300580	20.00	ng		0.00
86) Perylene-d12	15.27	264	344647	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	437602	83.87	ng		0.00
7) Phenol-d6	6.35	99	532982	79.27	ng		0.00
23) Nitrobenzene-d5	7.27	82	342676	59.72	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	172278	83.84	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	669607	55.50	ng		0.00
79) Terphenyl-d14	12.81	244	766512	49.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	90160	40.608	ng		99
3) Pyridine	3.01	79	222522	38.501	ng		99
4) n-Nitrosodimethylamine	2.95	42	108247	45.730	ng		96
6) Aniline	6.36	93	235068	29.494	ng	#	46
8) 2-Chlorophenol	6.49	128	247240	43.095	ng		98
9) Benzaldehyde	6.25	77	149697	43.206	ng		95
10) Phenol	6.36	94	307453	42.156	ng		81
11) bis(2-Chloroethyl)ether	6.44	93	232229	44.112	ng		99
12) 1,3-Dichlorobenzene	6.65	146	254431	41.972	ng		99
13) 1,4-Dichlorobenzene	6.72	146	254691	41.569	ng		99
14) 1,2-Dichlorobenzene	6.87	146	245031	42.374	ng		98
15) Benzyl Alcohol	6.85	79	197447	43.841	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	326641	43.089	ng		98
17) 2-Methylphenol	6.97	107	198783	43.865	ng		99
18) Hexachloroethane	7.22	117	93073	42.956	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	155929	41.742	ng		97
20) 3+4-Methylphenols	7.12	107	243704	42.387	ng	#	83
22) Acetophenone	7.12	105	321337	39.780	ng	#	96
24) Nitrobenzene	7.29	77	249512	40.072	ng		96
25) Isophorone	7.53	82	451269	39.168	ng		99
26) 2-Nitrophenol	7.61	139	131850	43.703	ng		97
27) 2,4-Dimethylphenol	7.65	122	209925	43.428	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	288055	44.700	ng		99
29) 2,4-Dichlorophenol	7.85	162	202791	41.025	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	220182	40.358	ng		100
31) Naphthalene	8.01	128	690336	39.125	ng		99
32) Benzoic acid	7.78	122	137068	50.562	ng		99
33) 4-Chloroaniline	8.06	127	164752	22.880	ng		99
34) Hexachlorobutadiene	8.13	225	125708	38.082	ng		98
35) Caprolactam	8.43	113	68987m	46.335	ng		
36) 4-Chloro-3-methylphenol	8.56	107	211503	41.938	ng		93
37) 2-Methylnaphthalene	8.70	142	470051	40.484	ng		99
38) 1-Methylnaphthalene	8.80	142	445167	40.493	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	221434	39.598	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	172492	74.420	ng	98
43) 2,4,6-Trichlorophenol	8.99	196	152634	42.918	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	162943	42.182	ng	98
46) 1,1'-Biphenyl	9.17	154	568561	39.427	ng	99
47) 2-Chloronaphthalene	9.19	162	433218	39.027	ng	99
48) 2-Nitroaniline	9.29	65	137170	43.962	ng	100
49) Acenaphthylene	9.60	152	704433	39.954	ng	100
50) Dimethylphthalate	9.47	163	616111	49.060	ng	100
51) 2,6-Dinitrotoluene	9.53	165	116234	41.521	ng	95
52) Acenaphthene	9.77	154	411014	39.374	ng	98
53) 3-Nitroaniline	9.70	138	88768	27.771	ng	92
54) 2,4-Dinitrophenol	9.82	184	120825	77.033	ng	98
55) Dibenzofuran	9.95	168	631623	37.996	ng	99
56) 4-Nitrophenol	9.87	139	201231	97.554	ng	93
57) 2,4-Dinitrotoluene	9.94	165	156429	42.579	ng	97
58) Fluorene	10.29	166	481708	38.281	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	140046	45.853	ng	100
60) Diethylphthalate	10.17	149	533646	41.787	ng	100
61) 4-Chlorophenyl-phenylether	10.29	204	237496	38.806	ng	99
62) 4-Nitroaniline	10.32	138	131151	40.925	ng	97
63) Azobenzene	10.45	77	499212	39.123	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	86271	42.056	ng	97
66) n-Nitrosodiphenylamine	10.40	169	450020	38.847	ng	100
67) 4-Bromophenyl-phenylether	10.77	248	156786	39.785	ng	99
68) Hexachlorobenzene	10.84	284	179423	39.927	ng	97
69) Atrazine	10.93	200	129273	37.308	ng	99
70) Pentachlorophenol	11.04	266	190038	93.794	ng	97
71) Phenanthrene	11.25	178	756660	39.149	ng	100
72) Anthracene	11.30	178	774387	39.926	ng	100
73) Carbazole	11.46	167	735420	38.770	ng	99
74) Di-n-butylphthalate	11.79	149	903234	42.186	ng	100
75) Fluoranthene	12.43	202	891976	41.446	ng	100
77) Benzidine	12.56	184	241213	30.526	ng	99
78) Pyrene	12.66	202	923956	41.278	ng	100
80) Butylbenzylphthalate	13.29	149	409554	44.794	ng	99
81) Benzo(a)anthracene	13.85	228	792451	38.871	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	262223	32.419	ng	98
83) Chrysene	13.89	228	847717	40.727	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	516270	40.967	ng	100
85) Di-n-octyl phthalate	14.46	149	1038550	44.948	ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1049541	40.959	ng	99
88) Benzo(b)fluoranthene	14.87	252	934987	40.489	ng	99
89) Benzo(k)fluoranthene	14.90	252	846637	39.481	ng	100
90) Benzo(a)pyrene	15.22	252	839513	40.278	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	870495	39.647	ng	99
92) Benzo(g,h,i)perylene	17.05	276	894379	41.277	ng	99

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

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