Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121078.D
Acq On : 28 Jul 2020 19:50
Operator : JU/CG
Sample : L3439-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Manual Integrations APPROVED
mohammad
7/29/2020 11:47:29 AM

Quant Time: Jul 29 09:37:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	155311	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	613812	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	333899	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	661920	20.00	ng		0.00
76) Chrysene-d12	13.97	240	549013	20.00	ng		0.00
86) Perylene-d12	15.42	264	644766	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1053415	111.19	ng		0.02
7) Phenol-d6	6.45	99	1198030	97.90	ng		0.00
23) Nitrobenzene-d5	7.38	82	906193	85.43	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	468163	128.09	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1696349	75.85	ng		0.00
79) Terphenyl-d14	12.92	244	1822776	72.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	163981	37.609	ng	#	85
3) Pyridine	3.41	79	314623	27.125	ng		98
4) n-Nitrosodimethylamine	3.33	42	196351	39.588	ng		95
6) Aniline	6.47	93	379747m	23.772	ng		
8) 2-Chlorophenol	6.60	128	474374	45.452	ng		100
9) Benzaldehyde	6.36	77	208421	33.679	ng		99
10) Phenol	6.47	94	517276	38.425	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	510696	49.500	ng		98
12) 1,3-Dichlorobenzene	6.76	146	478377	42.270	ng		97
13) 1,4-Dichlorobenzene	6.83	146	478988	42.564	ng		98
14) 1,2-Dichlorobenzene	6.98	146	459168	43.130	ng		99
15) Benzyl Alcohol	6.96	79	381948	44.133	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	616032	41.426	ng		97
17) 2-Methylphenol	7.07	107	369664	39.962	ng		99
18) Hexachloroethane	7.33	117	177017	43.461	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	292843	42.082	ng		99
20) 3+4-Methylphenols	7.23	107	406458	34.541	ng	#	82
22) Acetophenone	7.22	105	590801	42.887	ng	#	95
24) Nitrobenzene	7.40	77	472484	41.325	ng		98
25) Isophorone	7.64	82	864076	40.814	ng		100
26) 2-Nitrophenol	7.71	139	256536	47.244	ng		95
27) 2,4-Dimethylphenol	7.75	122	413049	46.851	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	574978	44.491	ng		99
29) 2,4-Dichlorophenol	7.96	162	402044	44.627	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	422115	42.232	ng		99
31) Naphthalene	8.12	128	1319996	41.924	ng		99
32) Benzoic acid	7.89	122	347253	52.470	ng		97
33) 4-Chloroaniline	8.17	127	262825	18.712	ng		99
34) Hexachlorobutadiene	8.23	225	238004	40.393	ng		99
35) Caprolactam	8.56	113	102220m	35.382	ng		
36) 4-Chloro-3-methylphenol	8.66	107	426607	46.172	ng		97
37) 2-Methylnaphthalene	8.81	142	920153	45.009	ng		99
38) 1-Methylnaphthalene	8.91	142	859967	44.415	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	405904	41.724	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	439098	81.667	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	300237	43.832	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	335454	43.174	ng		99
46) 1,1'-Biphenyl	9.27	154	1130298	44.378	ng		100
47) 2-Chloronaphthalene	9.30	162	862894	41.554	ng		98
48) 2-Nitroaniline	9.40	65	282674	45.044	ng		92
49) Acenaphthylene	9.72	152	1392805	43.175	ng		100
50) Dimethylphthalate	9.58	163	1307224	54.267	ng		99
51) 2,6-Dinitrotoluene	9.64	165	237888	45.967	ng		91
52) Acenaphthene	9.89	154	970159m	47.302	ng		
53) 3-Nitroaniline	9.81	138	190108	29.289	ng		94
54) 2,4-Dinitrophenol	9.92	184	279338	92.597	ng	#	87
55) Dibenzofuran	10.06	168	1226817	41.364	ng		99
56) 4-Nitrophenol	9.98	139	382547	77.588	ng		93
57) 2,4-Dinitrotoluene	10.04	165	328872	48.391	ng		90
58) Fluorene	10.40	166	922795	41.716	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	290016	49.024	ng		96
60) Diethylphthalate	10.27	149	1079140	44.290	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	441879	37.452	ng		97
62) 4-Nitroaniline	10.43	138	268806	42.515	ng		97
63) Azobenzene	10.55	77	1000567	43.135	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	180723	47.241	ng		97
66) n-Nitrosodiphenylamine	10.52	169	896806	43.069	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	309058	41.878	ng		95
68) Hexachlorobenzene	10.95	284	346448	43.398	ng		96
69) Atrazine	11.05	200	232662	45.117	ng		100
70) Pentachlorophenol	11.14	266	435828	95.296	ng		99
71) Phenanthrene	11.36	178	1404807	41.266	ng		100
72) Anthracene	11.42	178	1470734	43.024	ng		99
73) Carbazole	11.57	167	1436443	42.343	ng		99
74) Di-n-butylphthalate	11.90	149	1720720	43.954	ng		99
75) Fluoranthene	12.55	202	1619200	42.911	ng		98
77) Benzidine	12.67	184	646185	44.767	ng		99
78) Pyrene	12.78	202	1653576	42.601	ng		99
80) Butylbenzylphthalate	13.40	149	783253	45.266	ng		95
81) Benzo(a)anthracene	13.97	228	1436374	43.205	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	496463	39.582	ng		99
83) Chrysene	14.00	228	1479665	42.352	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	944956	44.287	ng		99
85) Di-n-octyl phthalate	14.57	149	1888153	44.479	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1942554	43.321	ng		99
88) Benzo(b)fluoranthene	15.01	252	1755353	45.039	ng		98
89) Benzo(k)fluoranthene	15.04	252	1473564	41.458	ng		99
90) Benzo(a)pyrene	15.37	252	1529092	43.002	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	1587791	43.349	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1622971	44.938	ng		99

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

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