Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102163.D
Acq On : 17 Jan 2018 21:14
Operator : SJ/JU
Sample : J1152-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTP-1MSD

Manual Integrations APPROVED
Sohil
1/18/2018 11:12:32 AM

Quant Time: Jan 18 03:33:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159612	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	638215	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	261970	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	385880	20.00	ng		0.00
75) Chrysene-d12	13.87	240	259335	20.00	ng		0.00
86) Perylene-d12	15.29	264	284778	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1041613	92.15	ng		0.02
7) Phenol-d6	6.37	99	1247905	92.53	ng		0.01
23) Nitrobenzene-d5	7.29	82	791325	72.86	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	239666	104.83	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1338947	79.85	ng		0.00
78) Terphenyl-d14	12.82	244	847024	67.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	149251	26.459	ng		96
3) Pyridine	3.16	79	394623	25.617	ng		95
4) n-Nitrosodimethylamine	3.12	42	214290	33.219	ng		94
6) Aniline	6.39	93	394099	20.736	ng	#	82
8) 2-Chlorophenol	6.51	128	399965	35.281	ng		98
9) Benzaldehyde	6.27	77	54679	5.839	ng		95
10) Phenol	6.38	94	506011	33.201	ng		82
11) bis(2-Chloroethyl)ether	6.46	93	371885	32.058	ng		95
12) 1,3-Dichlorobenzene	6.66	146	430903	32.973	ng		99
13) 1,4-Dichlorobenzene	6.74	146	435772	33.418	ng		100
14) 1,2-Dichlorobenzene	6.89	146	406680	33.694	ng		99
15) Benzyl Alcohol	6.87	79	327816	33.231	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	621591	29.068	ng		99
17) 2-Methylphenol	6.99	107	332528	32.516	ng		96
18) Hexachloroethane	7.23	117	145623	31.712	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	265290	30.018	ng		96
20) 3+4-Methylphenols	7.14	107	382969	31.189	ng	#	67
22) Acetophenone	7.14	105	551869	35.889	ng	#	90
24) Nitrobenzene	7.31	77	404579	34.667	ng		98
25) Isophorone	7.55	82	732160	34.118	ng		98
26) 2-Nitrophenol	7.62	139	205176	42.005	ng		99
27) 2,4-Dimethylphenol	7.66	122	349883	38.354	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	470203	36.289	ng		99
29) 2,4-Dichlorophenol	7.87	162	325124	37.534	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	326508	36.037	ng		98
31) Naphthalene	8.03	128	1099762	34.486	ng		100
32) Benzoic acid	7.75	122	39106	5.653	ng		97
33) 4-Chloroaniline	8.07	127	189062	13.890	ng		98
34) Hexachlorobutadiene	8.14	225	173881	36.256	ng		99
35) Caprolactam	8.45	113	101761m	34.221	ng		
36) 4-Chloro-3-methylphenol	8.57	107	341559	36.023	ng		100
37) 2-Methylnaphthalene	8.72	142	747010	35.581	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	303223	40.913	ng		100
40) Hexachlorocyclopentadiene	8.87	237	157406	38.835	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	207987	40.724	ng		100
43) 2,4,5-Trichlorophenol	9.05	196	215591	37.349	ng		96
45) 1,1'-Biphenyl	9.19	154	867222	37.452	ng		98
46) 2-Chloronaphthalene	9.21	162	648406	36.111	ng		98
47) 2-Nitroaniline	9.30	65	214236	39.831	ng		92
48) Acenaphthylene	9.62	152	967156	33.940	ng		99
49) Dimethylphthalate	9.49	163	945715	45.001	ng		100
50) 2,6-Dinitrotoluene	9.55	165	163355	38.914	ng		97
51) Acenaphthene	9.79	154	571794	33.060	ng		100
52) 3-Nitroaniline	9.72	138	142009	26.805	ng		94
53) 2,4-Dinitrophenol	9.82	184	38420	30.015	ng	#	22
54) Dibenzofuran	9.96	168	847045	35.684	ng		96
55) 4-Nitrophenol	9.89	139	255556	64.727	ng		96
56) 2,4-Dinitrotoluene	9.95	165	203888	38.751	ng		98
57) Fluorene	10.30	166	618495	37.691	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	153612	37.379	ng		99
59) Diethylphthalate	10.19	149	744368	35.608	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	282625	40.448	ng		96
61) 4-Nitroaniline	10.33	138	153770	30.583	ng		98
62) Azobenzene	10.46	77	687048	33.033	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	39673	22.359	ng		86
65) n-Nitrosodiphenylamine	10.42	169	582891	40.339	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	168847	41.434	ng		97
67) Hexachlorobenzene	10.85	284	170181	38.254	ng		92
68) Atrazine	10.95	200	175788	42.096	ng		98
69) Pentachlorophenol	11.05	266	165058	60.845	ng		97
70) Phenanthrene	11.26	178	799557	35.472	ng		99
71) Anthracene	11.32	178	815903	35.691	ng		99
72) Carbazole	11.47	167	734310	32.680	ng		99
73) Di-n-butylphthalate	11.80	149	1018743	36.955	ng		99
74) Fluoranthene	12.45	202	672457	30.322	ng		98
76) Benzidine	12.57	184	408179	32.594	ng		98
77) Pyrene	12.67	202	670441	29.247	ng		99
79) Butylbenzylphthalate	13.30	149	326185	31.006	ng		94
80) Benzo(a)anthracene	13.86	228	573647	34.669	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	215045	35.100	ng		98
82) Chrysene	13.90	228	566745	32.849	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	413623	34.273	ng		100
84) Di-n-octyl phthalate	14.47	149	756590	37.780	ng		100
85) Indeno(1,2,3-cd)pyrene	16.66	276	577483	45.987	ng		100
87) Benzo(b)fluoranthene	14.89	252	645241	34.749	ng		99
88) Benzo(k)fluoranthene	14.92	252	580010	32.380	ng		96
89) Benzo(a)pyrene	15.23	252	601214	35.981	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	491732	36.877	ng		99
91) Benzo(g,h,i)perylene	17.08	276	456953	34.020	ng		98

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

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