Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120898.D
Acq On : 16 Jul 2020 21:25
Operator : JU/CG
Sample : L3315-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:22 PM

Quant Time: Jul 17 02:28:31 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	6.82	152	162143	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	642549	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	347272	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	679406	20.00	ng	0.00
76) Chrysene-d12	13.97	240	541591	20.00	ng	0.00
86) Perylene-d12	15.42	264	567285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	975348	98.61	ng	0.00
7) Phenol-d6	6.45	99	1225176	95.90	ng	0.00
23) Nitrobenzene-d5	7.38	82	754622	67.96	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	392675	103.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1432905	61.61	ng	0.00
79) Terphenyl-d14	12.92	244	1568075	62.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	185246	40.696	ng	99
3) Pyridine	3.30	79	512515	42.325	ng	99
4) n-Nitrosodimethylamine	3.25	42	236337	45.643	ng	96
6) Aniline	6.47	93	528745	31.704	ng	98
8) 2-Chlorophenol	6.60	128	509923	46.800	ng	99
9) Benzaldehyde	6.36	77	137756	18.958	ng	98
10) Phenol	6.46	94	623462	44.361	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	473869	43.995	ng	99
12) 1,3-Dichlorobenzene	6.76	146	509416	43.116	ng	97
13) 1,4-Dichlorobenzene	6.83	146	512410	43.615	ng	99
14) 1,2-Dichlorobenzene	6.99	146	499036	44.900	ng	98
15) Benzyl Alcohol	6.96	79	394052	43.613	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	664663	42.813	ng	100
17) 2-Methylphenol	7.07	107	403649	41.797	ng	99
18) Hexachloroethane	7.33	117	191886	45.126	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	315933	43.487	ng	99
20) 3+4-Methylphenols	7.22	107	454830	37.023	ng	93
22) Acetophenone	7.23	105	598775	41.522	ng	98
24) Nitrobenzene	7.40	77	507608	42.412	ng	98
25) Isophorone	7.64	82	937667	42.309	ng	100
26) 2-Nitrophenol	7.72	139	267131	46.995	ng	97
27) 2,4-Dimethylphenol	7.75	122	432203	46.831	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	601672	44.475	ng	100
29) 2,4-Dichlorophenol	7.96	162	420763	44.616	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	444448	42.478	ng	99
31) Naphthalene	8.12	128	1382520	41.946	ng	100
32) Benzoic acid	7.88	122	341022	49.224	ng	91
33) 4-Chloroaniline	8.17	127	313162	21.299	ng	97
34) Hexachlorobutadiene	8.24	225	254336	41.234	ng	99
35) Caprolactam	8.54	113	141949m	46.936	ng	
36) 4-Chloro-3-methylphenol	8.65	107	441760	45.674	ng	97
37) 2-Methylnaphthalene	8.81	142	949619	44.373	ng	98
38) 1-Methylnaphthalene	8.91	142	912696	45.030	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	403132	39.843	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	459747	82.215	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	317808	44.611	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	340970	42.194	ng		96
46) 1,1'-Biphenyl	9.27	154	1121511	42.337	ng		100
47) 2-Chloronaphthalene	9.30	162	864770	40.041	ng		99
48) 2-Nitroaniline	9.39	65	287789	44.093	ng		99
49) Acenaphthylene	9.72	152	1437527	42.845	ng		100
50) Dimethylphthalate	9.58	163	1291240	51.539	ng		99
51) 2,6-Dinitrotoluene	9.64	165	249484	46.351	ng		91
52) Acenaphthene	9.89	154	989323m	46.379	ng		
53) 3-Nitroaniline	9.80	138	172105	25.495	ng		99
54) 2,4-Dinitrophenol	9.91	184	233099	75.644	ng		92
55) Dibenzofuran	10.06	168	1315275	42.638	ng		98
56) 4-Nitrophenol	9.97	139	464624	90.606	ng		99
57) 2,4-Dinitrotoluene	10.04	165	343998	48.667	ng		93
58) Fluorene	10.40	166	940642	40.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	294847	47.922	ng		98
60) Diethylphthalate	10.28	149	1118755	44.148	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	463383	37.762	ng		99
62) 4-Nitroaniline	10.42	138	268498	40.831	ng		99
63) Azobenzene	10.56	77	1042052	43.194	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	173379	44.406	ng		90
66) n-Nitrosodiphenylamine	10.52	169	940761	44.017	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	325836	43.016	ng	#	90
68) Hexachlorobenzene	10.95	284	357014	43.570	ng	#	89
69) Atrazine	11.04	200	279166	52.741	ng		98
70) Pentachlorophenol	11.14	266	415004	88.408	ng		100
71) Phenanthrene	11.36	178	1478351	42.309	ng		100
72) Anthracene	11.42	178	1507633	42.969	ng		99
73) Carbazole	11.57	167	1448911	41.611	ng		99
74) Di-n-butylphthalate	11.90	149	1770736	44.067	ng		100
75) Fluoranthene	12.55	202	1677327	43.308	ng		99
77) Benzidine	12.67	184	816711	57.356	ng		99
78) Pyrene	12.78	202	1696419	44.304	ng		100
80) Butylbenzylphthalate	13.40	149	808756	47.380	ng		100
81) Benzo(a)anthracene	13.97	228	1343183	40.956	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	375427	30.342	ng		99
83) Chrysene	14.00	228	1519842	44.098	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	892547	42.404	ng		100
85) Di-n-octyl phthalate	14.57	149	1904366	45.476	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1563204	39.622	ng		100
88) Benzo(b)fluoranthene	15.00	252	1543294	45.007	ng		100
89) Benzo(k)fluoranthene	15.03	252	1498283	47.910	ng		100
90) Benzo(a)pyrene	15.36	252	1381483	44.158	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1300237	40.346	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1228434	38.660	ng		99

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

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