Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120238.D
Acq On : 30 Apr 2020 14:24
Operator : MA/SJ
Sample : L2445-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

Manual Integrations APPROVED
mohammad
5/4/2020 8:18:54 AM

Quant Time: Apr 30 15:22:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	96988	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	373596	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	194301	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	380736	20.00	ng		0.00
76) Chrysene-d12	13.82	240	305687	20.00	ng		0.00
87) Perylene-d12	15.23	264	324706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	554744	98.85	ng		0.00
7) Phenol-d6	6.30	99	712505	98.53	ng		0.00
23) Nitrobenzene-d5	7.22	82	440131	60.95	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	194783	81.88	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	888032	64.89	ng		0.00
79) Terphenyl-d14	12.77	244	1083541	59.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	110129	44.058	ng		97
3) Pyridine	2.92	79	309633	45.148	ng		93
4) n-Nitrosodimethylamine	2.87	42	177413	50.631	ng		96
6) Aniline	6.31	93	409445	43.138	ng	#	73
8) 2-Chlorophenol	6.44	128	347745	55.457	ng		99
9) Benzaldehyde	6.19	77	129555	29.871	ng		98
10) Phenol	6.32	94	447572	54.555	ng	#	71
11) bis(2-Chloroethyl)ether	6.39	93	326410	51.529	ng		96
12) 1,3-Dichlorobenzene	6.59	146	360224	52.472	ng		98
13) 1,4-Dichlorobenzene	6.67	146	361737	51.728	ng		100
14) 1,2-Dichlorobenzene	6.82	146	344116	53.394	ng		99
15) Benzyl Alcohol	6.80	79	288788	51.416	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	565317	45.862	ng		73
17) 2-Methylphenol	6.93	107	276248	49.365	ng	#	92
18) Hexachloroethane	7.16	117	136698	52.305	ng		92
19) n-Nitroso-di-n-propylamine	7.07	70	240313	51.678	ng		99
20) 3+4-Methylphenols	7.08	107	364518	53.261	ng	#	81
22) Acetophenone	7.06	105	476407	54.456	ng	#	98
24) Nitrobenzene	7.24	77	362340	49.877	ng		99
25) Isophorone	7.48	82	654711	47.030	ng		99
26) 2-Nitrophenol	7.56	139	187199	51.579	ng		91
27) 2,4-Dimethylphenol	7.60	122	291494	53.252	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	417027	50.909	ng		99
29) 2,4-Dichlorophenol	7.80	162	287449	51.231	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	308656	48.550	ng		98
31) Naphthalene	7.96	128	993919	50.566	ng		99
32) Benzoic acid	7.75	122	209038	43.483	ng		92
33) 4-Chloroaniline	8.01	127	238525	27.875	ng		99
34) Hexachlorobutadiene	8.07	225	178752	46.970	ng		98
35) Caprolactam	8.39	113	87777m	51.143	ng		
36) 4-Chloro-3-methylphenol	8.52	107	308506	50.786	ng		98
37) 2-Methylnaphthalene	8.65	142	663825	49.814	ng		99
38) 1-Methylnaphthalene	8.75	142	626449	49.875	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	302725	49.329	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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QLast Update : Thu Apr 30 12:39:25 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	272451	78.074 ng	99
43) 2,4,6-Trichlorophenol	8.94	196	202930	47.886 ng	98
44) 2,4,5-Trichlorophenol	8.99	196	212838	44.592 ng	99
46) 1,1'-Biphenyl	9.12	154	808507	49.299 ng	97
47) 2-Chloronaphthalene	9.14	162	627949	49.704 ng	99
48) 2-Nitroaniline	9.25	65	223711	48.863 ng	97
49) Acenaphthylene	9.56	152	984056	51.217 ng	98
50) Dimethylphthalate	9.43	163	789018	52.500 ng	100
51) 2,6-Dinitrotoluene	9.49	165	164169	49.883 ng	98
52) Acenaphthene	9.73	154	588545	45.920 ng	98
53) 3-Nitroaniline	9.66	138	126287	33.598 ng	94
54) 2,4-Dinitrophenol	9.77	184	178163	90.421 ng	97
55) Dibenzofuran	9.90	168	887265	50.448 ng	98
56) 4-Nitrophenol	9.85	139	239675	85.700 ng	94
57) 2,4-Dinitrotoluene	9.90	165	217475	50.155 ng	93
58) Fluorene	10.25	166	708141	50.345 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	180534	49.455 ng	98
60) Diethylphthalate	10.13	149	763777	49.034 ng	98
61) 4-Chlorophenyl-phenylether	10.24	204	338396	46.939 ng	99
62) 4-Nitroaniline	10.28	138	186501	52.065 ng	95
63) Azobenzene	10.40	77	712736	51.058 ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	121343	48.376 ng	79
66) n-Nitrosodiphenylamine	10.36	169	631790	49.896 ng	99
67) 4-Bromophenyl-phenylether	10.73	248	204720	43.237 ng	98
68) Hexachlorobenzene	10.79	284	224367	46.711 ng	99
69) Atrazine	10.89	200	192692	54.695 ng	100
70) Pentachlorophenol	10.99	266	201993	72.973 ng	98
71) Phenanthrene	11.20	178	1034160	51.036 ng	98
72) Anthracene	11.26	178	1069756	51.679 ng	98
73) Carbazole	11.42	167	993163	50.735 ng	99
74) Di-n-butylphthalate	11.75	149	1252519	48.672 ng	99
75) Fluoranthene	12.39	202	1183909	54.150 ng	98
77) Benzidine	12.52	184	757808	73.338 ng	98
78) Pyrene	12.62	202	1185718	46.012 ng	98
80) Butylbenzylphthalate	13.25	149	531629	42.515 ng	100
81) Benzo(a)anthracene	13.82	228	1029515	51.194 ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	251667	33.540 ng	98
83) Chrysene	13.85	228	1014458	49.647 ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	752465	44.436 ng	100
85) Di-n-octyl phthalate	14.43	149	1329706	46.119 ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	1193747	66.275 ng	99
88) Benzo(b)fluoranthene	14.83	252	1038857	44.474 ng	99
89) Benzo(k)fluoranthene	14.86	252	1020776	50.648 ng	99
90) Benzo(a)pyrene	15.17	252	964868	49.128 ng	99
91) Dibenzo(a,h)anthracene	16.60	278	987386	56.757 ng	99
92) Benzo(g,h,i)perylene	16.99	276	991786	57.755 ng	96

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

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