Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118258.D
Acq On : 18 Dec 2019 14:52
Operator : JU
Sample : K6324-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-15MS

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:43 AM

Quant Time: Dec 19 03:25:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104795	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	417725	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	223332	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	425873	20.00	ng	0.00
76) Chrysene-d12	14.06	240	319970	20.00	ng	0.00
87) Perylene-d12	15.56	264	285660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	654252	109.35	ng	0.00
7) Phenol-d6	6.50	99	836301	115.56	ng	0.00
23) Nitrobenzene-d5	7.43	82	500362	67.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	297414	109.62	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1051893	71.67	ng	-0.01
79) Terphenyl-d14	13.00	244	1340099	72.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	82726	32.791	ng	96
3) Pyridine	3.40	79	204639	31.440	ng	100
4) n-Nitrosodimethylamine	3.35	42	105029	37.509	ng	94
6) Aniline	6.52	93	206357	22.291	ng	95
8) 2-Chlorophenol	6.65	128	273590	40.552	ng	97
9) Benzaldehyde	6.41	77	79764	16.742	ng	95
10) Phenol	6.51	94	328431	39.794	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	232187	38.898	ng	97
12) 1,3-Dichlorobenzene	6.80	146	295586	37.505	ng	97
13) 1,4-Dichlorobenzene	6.88	146	299656	37.759	ng	98
14) 1,2-Dichlorobenzene	7.03	146	285322	38.284	ng	98
15) Benzyl Alcohol	7.00	79	227521	40.275	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	270078	37.631	ng	94
17) 2-Methylphenol	7.12	107	219451	40.897	ng	99
18) Hexachloroethane	7.37	117	108802	37.207	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	171980	39.108	ng	97
20) 3+4-Methylphenols	7.27	107	276760	41.062	ng	89
22) Acetophenone	7.27	105	372216	37.089	ng	98
24) Nitrobenzene	7.45	77	265824	36.438	ng	99
25) Isophorone	7.69	82	478745	38.034	ng	99
26) 2-Nitrophenol	7.76	139	151168	38.769	ng	96
27) 2,4-Dimethylphenol	7.80	122	242976	46.716	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	298759	36.324	ng	98
29) 2,4-Dichlorophenol	8.01	162	235073	38.770	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	253587	35.788	ng	99
31) Naphthalene	8.17	128	802293	38.243	ng	100
32) Benzoic acid	7.93	122	146935	31.289	ng	96
33) 4-Chloroaniline	8.22	127	93949	10.371	ng	95
34) Hexachlorobutadiene	8.29	225	147926	34.814	ng	98
35) Caprolactam	8.59	113	70719m	37.821	ng	
36) 4-Chloro-3-methylphenol	8.71	107	249286	39.069	ng	99
37) 2-Methylnaphthalene	8.86	142	552393	38.893	ng	99
38) 1-Methylnaphthalene	8.96	142	509110	38.176	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	245706	36.317	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	226584	74.749 ng	96
43) 2,4,6-Trichlorophenol	9.15	196	168021	37.196 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	177568	37.942 ng	96
46) 1,1'-Biphenyl	9.33	154	667975	37.923 ng	99
47) 2-Chloronaphthalene	9.36	162	515796	36.404 ng	97
48) 2-Nitroaniline	9.46	65	143378	35.485 ng	88
49) Acenaphthylene	9.77	152	834054	39.911 ng	99
50) Dimethylphthalate	9.63	163	666221	40.386 ng	99
51) 2,6-Dinitrotoluene	9.70	165	137367	38.296 ng	93
52) Acenaphthene	9.95	154	478984	37.551 ng	97
53) 3-Nitroaniline	9.87	138	76978	18.235 ng	96
54) 2,4-Dinitrophenol	9.98	184	120449	67.494 ng	97
55) Dibenzofuran	10.12	168	731483	39.137 ng	100
56) 4-Nitrophenol	10.04	139	198539	67.770 ng	99
57) 2,4-Dinitrotoluene	10.10	165	186693	38.994 ng	94
58) Fluorene	10.46	166	577696	38.894 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	146419	37.922 ng	99
60) Diethylphthalate	10.33	149	628749	38.685 ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	284659	38.090 ng	96
62) 4-Nitroaniline	10.49	138	157985	35.884 ng	99
63) Azobenzene	10.62	77	539938	38.915 ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	90176	38.342 ng	88
66) n-Nitrosodiphenylamine	10.57	169	517839	38.937 ng	100
67) 4-Bromophenyl-phenylether	10.94	248	179406	36.904 ng	94
68) Hexachlorobenzene	11.02	284	204922	35.813 ng	97
69) Atrazine	11.10	200	154975	43.037 ng	98
70) Pentachlorophenol	11.22	266	193418	71.879 ng	99
71) Phenanthrene	11.43	178	881666	38.945 ng	99
72) Anthracene	11.49	178	910773	40.328 ng	99
73) Carbazole	11.64	167	796407	39.304 ng	99
74) Di-n-butylphthalate	11.96	149	1007898	39.745 ng	100
75) Fluoranthene	12.63	202	922491	39.855 ng	99
77) Benzidine	12.74	184	319013	37.873 ng	98
78) Pyrene	12.86	202	930544	36.904 ng	99
80) Butylbenzylphthalate	13.47	149	430753	37.721 ng	99
81) Benzo(a)anthracene	14.05	228	804140	36.345 ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	142085	19.554 ng	96
83) Chrysene	14.09	228	785853	37.184 ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	607906	40.371 ng	99
85) Di-n-octyl phthalate	14.64	149	959976	42.086 ng	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	708778	39.858 ng	100
88) Benzo(b)fluoranthene	15.12	252	734579	38.882 ng	97
89) Benzo(k)fluoranthene	15.15	252	668846	36.852 ng	99
90) Benzo(a)pyrene	15.49	252	650891	39.009 ng	99
91) Dibenzo(a,h)anthracene	17.09	278	598511	41.820 ng	98
92) Benzo(g,h,i)perylene	17.53	276	584416	42.495 ng	98

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

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