Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118397.D
Acq On : 30 Dec 2019 22:48
Operator : JU
Sample : K6439-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01MSD

Quant Time: Dec 31 00:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134669	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	541026	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	288407	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	514178	20.00	ng		0.00
76) Chrysene-d12	14.06	240	322022	20.00	ng		0.00
87) Perylene-d12	15.55	264	301422	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	677886	85.93	ng		0.02
7) Phenol-d6	6.49	99	864901	88.37	ng		0.00
23) Nitrobenzene-d5	7.42	82	508896	53.80	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	286813	80.53	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1108525	58.67	ng		0.00
79) Terphenyl-d14	12.99	244	1204614	62.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	90582	28.882	ng		99
3) Pyridine	3.40	79	215386	25.777	ng		100
4) n-Nitrosodimethylamine	3.35	42	104514	30.253	ng		97
6) Aniline	6.52	93	232237	18.687	ng	#	86
8) 2-Chlorophenol	6.65	128	301964	33.795	ng		99
9) Benzaldehyde	6.40	77	166527	29.022	ng		96
10) Phenol	6.51	94	353865	32.169	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	256309	32.581	ng		99
12) 1,3-Dichlorobenzene	6.79	146	322714	31.360	ng		99
13) 1,4-Dichlorobenzene	6.87	146	331300	31.696	ng		98
14) 1,2-Dichlorobenzene	7.02	146	310751	31.490	ng		99
15) Benzyl Alcohol	7.00	79	242846	32.590	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	262268	31.243	ng		83
17) 2-Methylphenol	7.12	107	237141	33.090	ng		96
18) Hexachloroethane	7.36	117	109626	28.577	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	189544	31.438	ng		99
20) 3+4-Methylphenols	7.27	107	305966	33.358	ng		98
22) Acetophenone	7.26	105	397672	29.990	ng		99
24) Nitrobenzene	7.44	77	285974	30.180	ng		98
25) Isophorone	7.68	82	525457	31.874	ng		100
26) 2-Nitrophenol	7.76	139	156796	31.241	ng		98
27) 2,4-Dimethylphenol	7.80	122	250665	36.605	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	330336	30.639	ng		100
29) 2,4-Dichlorophenol	8.00	162	252671	32.057	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	277214	30.193	ng		98
31) Naphthalene	8.16	128	871271	31.684	ng		100
32) Benzoic acid	7.93	122	140308	27.071	ng		100
33) 4-Chloroaniline	8.22	127	117464	9.964	ng		96
34) Hexachlorobutadiene	8.27	225	162314	29.699	ng		99
35) Caprolactam	8.59	113	84944	34.520	ng		95
36) 4-Chloro-3-methylphenol	8.70	107	267501	31.611	ng		95
37) 2-Methylnaphthalene	8.86	142	606130	32.195	ng		99
38) 1-Methylnaphthalene	8.96	142	571072	32.195	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	266266	30.728	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	75574	27.411 ng	96
43) 2,4,6-Trichlorophenol	9.14	196	179227	30.960 ng	97
44) 2,4,5-Trichlorophenol	9.19	196	189770	31.866 ng	98
46) 1,1'-Biphenyl	9.32	154	726365	31.842 ng	99
47) 2-Chloronaphthalene	9.35	162	563369	30.686 ng	97
48) 2-Nitroaniline	9.45	65	158169	30.501 ng	95
49) Acenaphthylene	9.76	152	884966	32.501 ng	99
50) Dimethylphthalate	9.62	163	754477	34.851 ng	100
51) 2,6-Dinitrotoluene	9.69	165	145916	31.263 ng	90
52) Acenaphthene	9.94	154	516113	31.119 ng	99
53) 3-Nitroaniline	9.86	138	88449	16.146 ng	92
54) 2,4-Dinitrophenol	9.98	184	61273	29.534 ng	98
55) Dibenzofuran	10.11	168	785747	32.063 ng	97
56) 4-Nitrophenol	10.04	139	195989	57.954 ng	94
57) 2,4-Dinitrotoluene	10.10	165	191580	30.719 ng	90
58) Fluorene	10.46	166	620247	31.353 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	152215	30.082 ng	99
60) Diethylphthalate	10.32	149	693699	32.390 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	309944	31.385 ng	94
62) 4-Nitroaniline	10.48	138	144261	25.349 ng	97
63) Azobenzene	10.60	77	586825	31.988 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	55179	19.893 ng	95
66) n-Nitrosodiphenylamine	10.56	169	555879	33.732 ng	99
67) 4-Bromophenyl-phenylether	10.94	248	192419	31.977 ng	93
68) Hexachlorobenzene	11.01	284	217971	30.774 ng	97
69) Atrazine	11.10	200	190676	37.490 ng	96
70) Pentachlorophenol	11.21	266	165967	54.105 ng	98
71) Phenanthrene	11.43	178	872033	31.110 ng	99
72) Anthracene	11.47	178	916195	32.655 ng	99
73) Carbazole	11.63	167	770637	30.955 ng	99
74) Di-n-butylphthalate	11.96	149	1113940	35.288 ng	99
75) Fluoranthene	12.62	202	843030	29.801 ng	100
77) Benzidine	12.74	184	484912	54.956 ng	98
78) Pyrene	12.85	202	835091	31.757 ng	100
80) Butylbenzylphthalate	13.46	149	419188	35.404 ng	97
81) Benzo(a)anthracene	14.04	228	698831	31.003 ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	244048	31.933 ng	100
83) Chrysene	14.08	228	669888	31.038 ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	616677	39.609 ng	99
85) Di-n-octyl phthalate	14.63	149	952454	41.589 ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	613296	33.349 ng	100
88) Benzo(b)fluoranthene	15.11	252	605203	30.248 ng	98
89) Benzo(k)fluoranthene	15.14	252	631236	32.857 ng	99
90) Benzo(a)pyrene	15.49	252	550793	31.249 ng	99
91) Dibenzo(a,h)anthracene	17.07	278	526500	34.422 ng	98
92) Benzo(g,h,i)perylene	17.53	276	487905	33.022 ng	99

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

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