Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118268.D
Acq On : 18 Dec 2019 19:34
Operator : JU
Sample : K6357-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:49 AM

Quant Time: Dec 19 03:56:09 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	106108	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	418108	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	225420	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	425686	20.00	ng	0.00
76) Chrysene-d12	14.06	240	312630	20.00	ng	0.00
87) Perylene-d12	15.55	264	301486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	781206	128.95	ng	0.00
7) Phenol-d6	6.50	99	1002318	136.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	596190	80.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	351247	128.27	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1248141	84.25	ng	-0.01
79) Terphenyl-d14	13.00	244	1532358	84.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	93608	36.645	ng	98
3) Pyridine	3.40	79	228966	34.742	ng	98
4) n-Nitrosodimethylamine	3.35	42	122732	43.289	ng	92
6) Aniline	6.52	93	279510	29.820	ng	95
8) 2-Chlorophenol	6.65	128	322806	47.255	ng	98
9) Benzaldehyde	6.41	77	193693	57.844	ng	98
10) Phenol	6.51	94	409890	49.050	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	276796	45.798	ng	96
12) 1,3-Dichlorobenzene	6.80	146	347365	43.529	ng	95
13) 1,4-Dichlorobenzene	6.88	146	351576	43.753	ng	97
14) 1,2-Dichlorobenzene	7.03	146	336037	44.531	ng	99
15) Benzyl Alcohol	7.00	79	266362	46.567	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	314026	43.213	ng	94
17) 2-Methylphenol	7.12	107	257620	47.416	ng	99
18) Hexachloroethane	7.37	117	125425	42.360	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	202070	45.382	ng	97
20) 3+4-Methylphenols	7.27	107	327118	47.933	ng	95
22) Acetophenone	7.27	105	432233	43.030	ng	99
24) Nitrobenzene	7.45	77	313089	42.878	ng	98
25) Isophorone	7.69	82	574546	45.603	ng	100
26) 2-Nitrophenol	7.76	139	178546	45.749	ng	95
27) 2,4-Dimethylphenol	7.80	122	281234	54.023	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	357581	43.435	ng	100
29) 2,4-Dichlorophenol	8.01	162	273908	45.133	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	304119	42.880	ng	99
31) Naphthalene	8.17	128	957415	45.595	ng	99
32) Benzoic acid	7.93	122	179000	38.082	ng	99
33) 4-Chloroaniline	8.22	127	109486	12.075	ng	99
34) Hexachlorobutadiene	8.29	225	178262	41.915	ng	99
35) Caprolactam	8.59	113	89524m	47.834	ng	
36) 4-Chloro-3-methylphenol	8.71	107	290404	45.471	ng	97
37) 2-Methylnaphthalene	8.86	142	655115	46.083	ng	100
38) 1-Methylnaphthalene	8.96	142	614210	46.015	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	290624	42.559	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	290309	94.884	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	197792	43.381	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	216501	45.832	ng		93
46) 1,1'-Biphenyl	9.33	154	788167	44.332	ng		100
47) 2-Chloronaphthalene	9.36	162	613839	42.922	ng		98
48) 2-Nitroaniline	9.45	65	167783	41.140	ng		96
49) Acenaphthylene	9.77	152	966085	45.800	ng		99
50) Dimethylphthalate	9.63	163	847007	50.870	ng		98
51) 2,6-Dinitrotoluene	9.70	165	164645	45.475	ng		94
52) Acenaphthene	9.95	154	565168	43.897	ng		98
53) 3-Nitroaniline	9.87	138	83482	19.593	ng		95
54) 2,4-Dinitrophenol	9.98	184	150969	83.812	ng		99
55) Dibenzofuran	10.12	168	863843	45.791	ng		98
56) 4-Nitrophenol	10.05	139	251948	85.205	ng		93
57) 2,4-Dinitrotoluene	10.10	165	222835	46.112	ng		97
58) Fluorene	10.46	166	688389	45.917	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	179486	46.055	ng		98
60) Diethylphthalate	10.33	149	754992	46.022	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	342706	45.432	ng		97
62) 4-Nitroaniline	10.49	138	179534	40.400	ng		97
63) Azobenzene	10.62	77	645562	46.097	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	113010	48.072	ng		91
66) n-Nitrosodiphenylamine	10.57	169	615968	46.336	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	212446	43.720	ng		95
68) Hexachlorobenzene	11.02	284	244998	42.836	ng		97
70) Pentachlorophenol	11.22	266	236727	88.012	ng		99
71) Phenanthrene	11.43	178	1026391	45.357	ng		99
72) Anthracene	11.49	178	1076714	47.697	ng		100
73) Carbazole	11.64	167	934770	46.153	ng		99
74) Di-n-butylphthalate	11.96	149	1203759	47.489	ng		100
75) Fluoranthene	12.63	202	1068382	46.178	ng		99
77) Benzidine	12.75	184	377109	45.821	ng		98
78) Pyrene	12.86	202	1068994	43.390	ng		100
80) Butylbenzylphthalate	13.47	149	508916	45.612	ng		98
81) Benzo(a)anthracene	14.05	228	939019	43.438	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	181481	25.562	ng		97
83) Chrysene	14.09	228	902515	43.706	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	723143	49.152	ng	#	99
85) Di-n-octyl phthalate	14.65	149	1138857	51.100	ng		99
86) Indeno(1,2,3-cd)pyrene	17.07	276	915279	52.679	ng		99
88) Benzo(b)fluoranthene	15.12	252	852193	42.739	ng		97
89) Benzo(k)fluoranthene	15.15	252	809975	42.285	ng		99
90) Benzo(a)pyrene	15.49	252	752199	42.714	ng		98
91) Dibenzo(a,h)anthracene	17.08	278	770503	51.012	ng		98
92) Benzo(g,h,i)perylene	17.53	276	778559	53.640	ng		98

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

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