Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118269.D
Acq On : 18 Dec 2019 20:02
Operator : JU
Sample : K6357-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:52 AM

Quant Time: Dec 19 03:56:24 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	101298	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	390867	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	205801	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	378593	20.00	ng	0.00
76) Chrysene-d12	14.06	240	242516	20.00	ng	-0.01
87) Perylene-d12	15.54	264	244479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	691455	119.55	ng	0.00
7) Phenol-d6	6.50	99	870514	124.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	522064	75.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	289292	115.71	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1060190	78.39	ng	-0.01
79) Terphenyl-d14	12.99	244	1184904	84.02	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	90763	37.218	ng	99
3) Pyridine	3.40	79	219619	34.906	ng	98
4) n-Nitrosodimethylamine	3.35	42	115327	42.608	ng	96
6) Aniline	6.52	93	274610	30.688	ng	96
8) 2-Chlorophenol	6.65	128	303460	46.532	ng	99
9) Benzaldehyde	6.41	77	184475	57.615	ng	96
10) Phenol	6.51	94	378474	47.441	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	260454	45.140	ng	93
12) 1,3-Dichlorobenzene	6.80	146	333399	43.763	ng	96
13) 1,4-Dichlorobenzene	6.88	146	332396	43.330	ng	97
14) 1,2-Dichlorobenzene	7.03	146	320950	44.551	ng	99
15) Benzyl Alcohol	7.00	79	247192	45.268	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	294428	42.440	ng	94
17) 2-Methylphenol	7.12	107	233108	44.942	ng	99
18) Hexachloroethane	7.37	117	120451	42.612	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	191929	45.151	ng	99
20) 3+4-Methylphenols	7.27	107	307413	47.184	ng	92
22) Acetophenone	7.27	105	402510	42.864	ng	98
24) Nitrobenzene	7.45	77	296656	43.459	ng	100
25) Isophorone	7.69	82	523068	44.411	ng	100
26) 2-Nitrophenol	7.76	139	164900	45.197	ng	93
27) 2,4-Dimethylphenol	7.80	122	257972	53.008	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	325683	42.318	ng	100
29) 2,4-Dichlorophenol	8.01	162	250240	44.107	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	283322	42.731	ng	100
31) Naphthalene	8.17	128	876663	44.659	ng	99
32) Benzoic acid	7.93	122	160623	36.554	ng	99
33) 4-Chloroaniline	8.22	127	106694	12.588	ng	97
34) Hexachlorobutadiene	8.29	225	164901	41.476	ng	99
35) Caprolactam	8.59	113	77625m	44.367	ng	
36) 4-Chloro-3-methylphenol	8.71	107	266033	44.558	ng	100
37) 2-Methylnaphthalene	8.86	142	606418	45.631	ng	99
38) 1-Methylnaphthalene	8.96	142	567620	45.488	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	262851	42.161	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	267040	95.599	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	178345	42.844	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	186427	43.228	ng		96
46) 1,1'-Biphenyl	9.33	154	712457	43.894	ng		100
47) 2-Chloronaphthalene	9.36	162	557463	42.696	ng		99
48) 2-Nitroaniline	9.45	65	151603	40.716	ng		96
49) Acenaphthylene	9.77	152	887798	46.101	ng		99
50) Dimethylphthalate	9.63	163	741642	48.788	ng		98
51) 2,6-Dinitrotoluene	9.70	165	146491	44.318	ng		90
52) Acenaphthene	9.95	154	510796	43.456	ng		97
53) 3-Nitroaniline	9.87	138	70523	18.129	ng		92
54) 2,4-Dinitrophenol	9.98	184	133176	80.983	ng		97
55) Dibenzofuran	10.12	168	773766	44.926	ng		99
56) 4-Nitrophenol	10.04	139	212322	78.649	ng		99
57) 2,4-Dinitrotoluene	10.10	165	195595	44.334	ng		98
58) Fluorene	10.46	166	609700	44.545	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	157391	44.236	ng		99
60) Diethylphthalate	10.33	149	660528	44.102	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	302866	43.978	ng		98
62) 4-Nitroaniline	10.49	138	152427	37.570	ng		98
63) Azobenzene	10.62	77	566171	44.282	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	96438	46.125	ng		93
66) n-Nitrosodiphenylamine	10.57	169	541276	45.782	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	189182	43.775	ng		97
68) Hexachlorobenzene	11.02	284	216696	42.600	ng		95
70) Pentachlorophenol	11.22	266	205839	86.047	ng		99
71) Phenanthrene	11.43	178	896589	44.550	ng		100
72) Anthracene	11.48	178	930334	46.339	ng		99
73) Carbazole	11.64	167	794073	44.083	ng		100
74) Di-n-butylphthalate	11.96	149	1021149	45.296	ng		99
75) Fluoranthene	12.62	202	902547	43.863	ng		97
77) Benzidine	12.74	184	356807	55.888	ng		99
78) Pyrene	12.86	202	899056	47.043	ng		98
80) Butylbenzylphthalate	13.47	149	394857	45.621	ng		93
81) Benzo(a)anthracene	14.05	228	753614	44.940	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	141734	25.735	ng		98
83) Chrysene	14.09	228	714204	44.587	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	546659	47.899	ng		99
85) Di-n-octyl phthalate	14.64	149	848550	49.082	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	811366	60.199	ng		100
88) Benzo(b)fluoranthene	15.11	252	706389	43.688	ng		98
89) Benzo(k)fluoranthene	15.14	252	646814	41.641	ng	#	98
90) Benzo(a)pyrene	15.49	252	612359	42.881	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	676168	55.205	ng		99
92) Benzo(g,h,i)perylene	17.52	276	692378	58.826	ng		98

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

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