Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114955.D
Acq On : 11 Jun 2019 20:42
Operator : HP/JU
Sample : K3262-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-1MSD

Manual Integrations APPROVED
mohammad
6/12/2019 9:09:02 AM

Quant Time: Jun 12 05:11:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	246061	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	943141	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	449737	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	804955	20.00	ng		0.00
76) Chrysene-d12	13.79	240	470830	20.00	ng		0.00
87) Perylene-d12	15.17	264	541121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1609164	110.68	ng		0.02
7) Phenol-d6	6.32	99	1849912	105.49	ng		0.00
23) Nitrobenzene-d5	7.23	82	1358901	88.53	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	576775	117.89	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2508076	88.51	ng		0.00
79) Terphenyl-d14	12.74	244	2300571	97.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	243584	35.306	ng	#	85
3) Pyridine	3.10	79	598872	31.183	ng		99
4) n-Nitrosodimethylamine	3.02	42	261749	37.945	ng		93
6) Aniline	6.33	93	231607	9.750	ng	#	1
8) 2-Chlorophenol	6.45	128	696581	41.980	ng		95
9) Benzaldehyde	6.20	77	146929	13.090	ng		98
10) Phenol	6.33	94	689738	35.272	ng	#	75
11) bis(2-Chloroethyl)ether	6.40	93	658152	42.230	ng		99
12) 1,3-Dichlorobenzene	6.60	146	759994	39.464	ng		98
13) 1,4-Dichlorobenzene	6.68	146	775911	40.178	ng		100
14) 1,2-Dichlorobenzene	6.83	146	722043	41.193	ng		98
15) Benzyl Alcohol	6.81	79	542974	42.909	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	861546	40.195	ng		95
17) 2-Methylphenol	6.93	107	561229	40.394	ng		98
18) Hexachloroethane	7.17	117	264348	37.144	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	451652	41.186	ng		99
20) 3+4-Methylphenols	7.09	107	672764	43.246	ng		94
22) Acetophenone	7.07	105	966591	45.784	ng		95
24) Nitrobenzene	7.25	77	712390	44.613	ng		96
25) Isophorone	7.49	82	1311002	43.614	ng		98
26) 2-Nitrophenol	7.56	139	395348	44.564	ng		99
27) 2,4-Dimethylphenol	7.61	122	622070	47.919	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	837117	43.535	ng		99
29) 2,4-Dichlorophenol	7.81	162	610811	44.930	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	678713	43.502	ng		99
31) Naphthalene	7.96	128	2056149	47.314	ng		99
32) Benzoic acid	7.73	122	288203	29.721	ng		98
33) 4-Chloroaniline	8.02	127	145782	7.109	ng		97
34) Hexachlorobutadiene	8.09	225	370606	42.351	ng		98
35) Caprolactam	8.39	113	151215m	33.020	ng		
36) 4-Chloro-3-methylphenol	8.51	107	625945	45.332	ng		98
37) 2-Methylnaphthalene	8.66	142	1389521	47.053	ng		99
38) 1-Methylnaphthalene	8.76	142	1310593	46.924	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	621755	48.084	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	254844	34.672	ng	99
43) 2,4,6-Trichlorophenol	8.94	196	443414	45.160	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	473934	46.813	ng	99
46) 1,1'-Biphenyl	9.12	154	1637153	48.657	ng	99
47) 2-Chloronaphthalene	9.14	162	1294023	45.559	ng	98
48) 2-Nitroaniline	9.24	65	380354	43.993	ng	98
49) Acenaphthylene	9.56	152	1991714	47.585	ng	98
50) Dimethylphthalate	9.42	163	1573758	46.558	ng	100
51) 2,6-Dinitrotoluene	9.48	165	356125	45.870	ng	97
52) Acenaphthene	9.73	154	1157795	45.659	ng	99
53) 3-Nitroaniline	9.64	138	159471	17.105	ng	100
54) 2,4-Dinitrophenol	9.76	184	145068	37.753	ng	90
55) Dibenzofuran	9.90	168	1725365	47.666	ng	97
56) 4-Nitrophenol	9.82	139	492651	74.145	ng	91
57) 2,4-Dinitrotoluene	9.89	165	452481	46.108	ng	95
58) Fluorene	10.24	166	1232862	44.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	371091	45.341	ng	99
60) Diethylphthalate	10.12	149	1524890	46.416	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	619421	44.343	ng	99
62) 4-Nitroaniline	10.26	138	342537	35.851	ng	100
63) Azobenzene	10.39	77	1298608	45.414	ng	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	105188	23.302	ng	95
66) n-Nitrosodiphenylamine	10.35	169	1205579	50.411	ng	100
67) 4-Bromophenyl-phenylether	10.72	248	407677	46.757	ng	100
68) Hexachlorobenzene	10.79	284	424375	44.075	ng	98
69) Atrazine	10.88	200	386691	47.987	ng	99
70) Pentachlorophenol	10.98	266	408897	75.732	ng	99
71) Phenanthrene	11.19	178	1818679	46.568	ng	98
72) Anthracene	11.24	178	1866684	47.091	ng	99
73) Carbazole	11.40	167	1668926	46.244	ng	99
74) Di-n-butylphthalate	11.74	149	2180654	48.891	ng	99
75) Fluoranthene	12.37	202	1731669	42.868	ng	96
77) Benzidine	12.49	184	169815	8.241	ng	97
78) Pyrene	12.60	202	1720170	41.950	ng	97
80) Butylbenzylphthalate	13.22	149	860179	42.580	ng	99
81) Benzo(a)anthracene	13.78	228	1493706	42.906	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	389059	27.378	ng	98
83) Chrysene	13.82	228	1554158	44.456	ng	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1091941	46.153	ng	99
85) Di-n-octyl phthalate	14.39	149	1983698	45.899	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1363633	41.491	ng	99
88) Benzo(b)fluoranthene	14.79	252	1716039	48.711	ng	99
89) Benzo(k)fluoranthene	14.82	252	1368591	44.764	ng	99
90) Benzo(a)pyrene	15.12	252	1457500	47.632	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1166286	45.123	ng	100
92) Benzo(g,h,i)perylene	16.87	276	1086179	42.159	ng	98

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

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