Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
Data File : BF114258.D
Acq On : 14 May 2019 17:33
Operator : JU/SJ
Sample : K2766-13MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS008-0206-01MSD

Quant Time: May 15 02:04:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	234949	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	860585	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	366379	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	626917	20.00	ng		0.01
76) Chrysene-d12	14.03	240	488416	20.00	ng		0.01
87) Perylene-d12	15.53	264	488281	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1597433	109.41	ng		0.02
7) Phenol-d6	6.52	99	2059300	119.26	ng		0.02
23) Nitrobenzene-d5	7.42	82	1326232	86.49	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	384215	101.44	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1972817	81.45	ng		0.00
79) Terphenyl-d14	12.96	244	1664016	70.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	262755	32.743	ng		98
3) Pyridine	3.45	79	135482	6.128	ng		97
4) n-Nitrosodimethylamine	3.35	42	385865	36.190	ng	#	90
8) 2-Chlorophenol	6.66	128	645442	41.411	ng		91
9) Benzaldehyde	6.40	77	224272	18.552	ng		98
10) Phenol	6.53	94	783206	38.557	ng		86
11) bis(2-Chloroethyl)ether	6.59	93	656132	42.547	ng		99
12) 1,3-Dichlorobenzene	6.80	146	656602	37.530	ng		98
13) 1,4-Dichlorobenzene	6.87	146	668557	37.922	ng		98
14) 1,2-Dichlorobenzene	7.03	146	616906	38.301	ng		98
15) Benzyl Alcohol	7.00	79	523294	38.856	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1145701	38.316	ng		52
17) 2-Methylphenol	7.13	107	481383	37.598	ng	#	88
18) Hexachloroethane	7.37	117	233936	35.351	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	451638	41.264	ng		96
20) 3+4-Methylphenols	7.28	107	629784	42.574	ng	#	57
22) Acetophenone	7.26	105	878482	46.079	ng	#	89
24) Nitrobenzene	7.44	77	698222	44.705	ng		100
25) Isophorone	7.68	82	1217532	42.811	ng		100
26) 2-Nitrophenol	7.76	139	353485	46.649	ng		100
27) 2,4-Dimethylphenol	7.80	122	504948	42.428	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	806937	43.730	ng		98
29) 2,4-Dichlorophenol	8.01	162	509837	43.022	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	550332	40.839	ng		99
31) Naphthalene	8.16	128	1714703	42.655	ng		99
32) Benzoic acid	7.93	122	270546	34.239	ng		97
34) Hexachlorobutadiene	8.27	225	298750	38.963	ng		99
35) Caprolactam	8.59	113	114371	29.598	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	494870	41.485	ng		99
37) 2-Methylnaphthalene	8.85	142	1115891	43.024	ng		97
38) 1-Methylnaphthalene	8.95	142	1047904	42.903	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	512860	46.210	ng		100
41) Hexachlorocyclopentadiene	9.00	237	135618	29.135	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	326686	42.795	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.19	196	336172	42.940	ng		98
46) 1,1'-Biphenyl	9.32	154	1344759	45.433	ng		98
47) 2-Chloronaphthalene	9.34	162	1004779	42.181	ng		99
48) 2-Nitroaniline	9.44	65	345663	40.917	ng		100
49) Acenaphthylene	9.76	152	1526823	42.143	ng		98
50) Dimethylphthalate	9.61	163	1464643	54.456	ng		98
51) 2,6-Dinitrotoluene	9.68	165	259466	43.495	ng	#	85
52) Acenaphthene	9.93	154	886032	39.854	ng		98
53) 3-Nitroaniline	9.85	138	53601	7.238	ng		100
54) 2,4-Dinitrophenol	9.96	184	132234	47.112	ng		94
55) Dibenzofuran	10.10	168	1299306	39.856	ng		99
56) 4-Nitrophenol	10.03	139	329086	62.840	ng		93
57) 2,4-Dinitrotoluene	10.09	165	313334	38.698	ng		95
58) Fluorene	10.44	166	996789	39.586	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	254171	37.627	ng		100
60) Diethylphthalate	10.31	149	1072895	39.260	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	499616	40.398	ng		97
62) 4-Nitroaniline	10.46	138	84003	10.795	ng		97
63) Azobenzene	10.59	77	1042923	39.427	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	91891	30.504	ng		89
66) n-Nitrosodiphenylamine	10.55	169	854356	44.902	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	294689	42.692	ng		96
68) Hexachlorobenzene	11.00	284	331030	43.350	ng		95
69) Atrazine	11.08	200	224200	37.864	ng		98
70) Pentachlorophenol	11.19	266	275909	76.221	ng		98
71) Phenanthrene	11.40	178	1355183	44.432	ng		99
72) Anthracene	11.46	178	1336909	43.640	ng		99
73) Carbazole	11.61	167	1230229	42.112	ng		99
74) Di-n-butylphthalate	11.93	149	1505555	44.734	ng		99
75) Fluoranthene	12.60	202	1527909	46.519	ng		99
78) Pyrene	12.83	202	1609681	40.969	ng		99
80) Butylbenzylphthalate	13.43	149	660539	39.941	ng		96
81) Benzo(a)anthracene	14.02	228	1379648	43.673	ng		99
83) Chrysene	14.06	228	1227542	39.640	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	997044	46.097	ng		99
85) Di-n-octyl phthalate	14.63	149	1754286	50.033	ng		100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1126944	41.177	ng		99
88) Benzo(b)fluoranthene	15.10	252	1442056	46.098	ng		99
89) Benzo(k)fluoranthene	15.13	252	1246335	43.372	ng		99
90) Benzo(a)pyrene	15.47	252	1252164	45.482	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	950757	41.560	ng		98
92) Benzo(g,h,i)perylene	17.49	276	940959	41.043	ng		98

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

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