Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112640.D
Acq On : 20 Feb 2019 14:25
Operator : JU/SJ
Sample : K1528-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Manual Integrations APPROVED
Sohil
2/21/2019 10:03:37 AM

Quant Time: Feb 21 09:54:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 20 16:59:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	71784	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	283822	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	142432	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	273496	20.00	ng		0.00
76) Chrysene-d12	14.00	240	207973	20.00	ng		0.00
87) Perylene-d12	15.47	264	210512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	113048	33.45	ng		0.01
7) Phenol-d6	6.49	99	143959	30.66	ng		0.00
23) Nitrobenzene-d5	7.39	82	355689	72.21	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	183478	110.67	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	774712	76.93	ng		0.00
79) Terphenyl-d14	12.93	244	825622	74.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	18467	13.717	ng	#	91
3) Pyridine	3.35	79	30877	9.016	ng		88
4) n-Nitrosodimethylamine	3.27	42	25787	17.923	ng	#	77
6) Aniline	6.50	93	97044	17.372	ng	#	95
8) 2-Chlorophenol	6.63	128	115937	25.501	ng		96
9) Benzaldehyde	6.39	77	353693	144.098	ng	#	1
10) Phenol	6.50	94	50012	9.707	ng	#	17
11) bis(2-Chloroethyl)ether	6.57	93	132650	32.703	ng		94
12) 1,3-Dichlorobenzene	6.77	146	157495	29.746	ng		99
13) 1,4-Dichlorobenzene	6.85	146	161472	29.633	ng		99
14) 1,2-Dichlorobenzene	7.00	146	141908	27.815	ng		94
15) Benzyl Alcohol	6.97	79	85660	21.639	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.10	45	156202	29.993	ng	#	1
17) 2-Methylphenol	7.10	107	77070	21.384	ng	#	21
18) Hexachloroethane	7.36	117	337226	176.235	ng	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	106062	32.754	ng		98
20) 3+4-Methylphenols	7.26	107	96457	20.929	ng	#	61
22) Acetophenone	7.23	105	163347	23.635	ng	#	93
24) Nitrobenzene	7.41	77	182154	37.027	ng		99
25) Isophorone	7.65	82	273198	35.354	ng		99
26) 2-Nitrophenol	7.73	139	78032	29.681	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	107671	29.726	ng		91
28) bis(2-Chloroethoxy)methane	7.85	93	170344	32.374	ng		98
29) 2,4-Dichlorophenol	7.99	162	117580	29.007	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	139138	29.862	ng		95
31) Naphthalene	8.14	128	4003351	301.622	ng		97
32) Benzoic acid	7.94	122	132241m	64.004	ng		
33) 4-Chloroaniline	8.19	127	75911	13.135	ng		96
34) Hexachlorobutadiene	8.24	225	81315	29.740	ng		98
35) Caprolactam	8.66	113	8557	5.984	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	112773	26.281	ng		94
37) 2-Methylnaphthalene	8.82	142	1005092	110.617	ng	#	95
38) 1-Methylnaphthalene	8.92	142	579453m	66.535	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	140975	30.145	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	47002	32.873	ng		96
43) 2,4,6-Trichlorophenol	9.10	196	87655	30.408	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	87758	29.129	ng		96
46) 1,1'-Biphenyl	9.28	154	395201	31.738	ng		98
47) 2-Chloronaphthalene	9.31	162	294087	30.456	ng		97
48) 2-Nitroaniline	9.41	65	81716	31.049	ng		83
49) Acenaphthylene	9.72	152	466788	32.982	ng		98
50) Dimethylphthalate	9.57	163	353978	31.987	ng		99
51) 2,6-Dinitrotoluene	9.65	165	76976	31.059	ng	#	92
52) Acenaphthene	9.89	154	273704	32.373	ng		99
53) 3-Nitroaniline	9.83	138	29014	10.806	ng	#	99
54) 2,4-Dinitrophenol	9.96	184	47160	59.292	ng	#	90
55) Dibenzofuran	10.06	168	416585	32.244	ng		92
56) 4-Nitrophenol	10.06	139	192398	135.533	ng	#	17
57) 2,4-Dinitrotoluene	10.07	165	104958	33.265	ng	#	80
58) Fluorene	10.41	166	342998	35.476	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	65143	28.612	ng	#	86
60) Diethylphthalate	10.27	149	372916	33.957	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	166479	31.654	ng		89
62) 4-Nitroaniline	10.44	138	59539	22.607	ng		92
63) Azobenzene	10.56	77	316267	32.745	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	33819	22.055	ng		94
66) n-Nitrosodiphenylamine	10.52	169	293481	31.839	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	99988	31.084	ng		92
68) Hexachlorobenzene	10.97	284	107301	31.091	ng		94
69) Atrazine	11.04	200	86389	29.046	ng		94
70) Pentachlorophenol	11.17	266	67370	50.169	ng		98
71) Phenanthrene	11.37	178	483869	34.031	ng		98
72) Anthracene	11.43	178	503776	35.568	ng		98
73) Carbazole	11.59	167	418717	29.970	ng		98
74) Di-n-butylphthalate	11.89	149	601484	34.684	ng		98
75) Fluoranthene	12.56	202	487301	31.953	ng		98
78) Pyrene	12.79	202	479350	33.291	ng		98
80) Butylbenzylphthalate	13.39	149	237820	34.138	ng		92
81) Benzo(a)anthracene	13.99	228	407396	33.323	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	15169	3.315	ng	#	97
83) Chrysene	14.02	228	381269	32.671	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	354662	35.865	ng	#	96
85) Di-n-octyl phthalate	14.56	149	573223	37.677	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	456297	49.345	ng		95
88) Benzo(b)fluoranthene	15.04	252	386987	30.739	ng		98
89) Benzo(k)fluoranthene	15.07	252	395892	32.830	ng		97
90) Benzo(a)pyrene	15.41	252	380418	33.582	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	384640	42.130	ng		97
92) Benzo(g,h,i)perylene	17.42	276	378572	43.951	ng		95

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

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