Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117982.D
Acq On : 25 Nov 2019 22:52
Operator : JU
Sample : K5999-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Manual Integrations APPROVED

Quant Time: Nov 26 05:57:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

mohammad

11/26/2019 12:49:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163542	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	663360	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	373339	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	709860	20.00	ng		0.00
76) Chrysene-d12	14.09	240	457850	20.00	ng		0.00
87) Perylene-d12	15.58	264	396146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	895251	96.90	ng		0.02
7) Phenol-d6	6.52	99	1183184	106.17	ng		0.00
23) Nitrobenzene-d5	7.46	82	738616	66.19	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	398543	100.83	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1206707	57.99	ng		0.00
79) Terphenyl-d14	13.02	244	1247951	49.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	136751	31.665	ng		95
3) Pyridine	3.52	79	346331	30.571	ng		97
4) n-Nitrosodimethylamine	3.48	42	179012	36.199	ng		99
6) Aniline	6.55	93	383113	26.016	ng		99
8) 2-Chlorophenol	6.67	128	436648	43.555	ng		98
9) Benzaldehyde	6.44	77	196191	23.953	ng		95
10) Phenol	6.53	94	516065m	44.565	ng		
11) bis(2-Chloroethyl)ether	6.63	93	378234	40.673	ng		96
12) 1,3-Dichlorobenzene	6.83	146	475469	40.285	ng		98
13) 1,4-Dichlorobenzene	6.91	146	482324	40.429	ng		99
14) 1,2-Dichlorobenzene	7.06	146	455276	39.902	ng		100
15) Benzyl Alcohol	7.03	79	389780	45.304	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	480511	33.562	ng		96
17) 2-Methylphenol	7.15	107	367378	43.272	ng		99
18) Hexachloroethane	7.40	117	173786	39.653	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	294545	42.844	ng		98
20) 3+4-Methylphenols	7.29	107	453467	43.028	ng	#	82
22) Acetophenone	7.30	105	599987	40.258	ng	#	97
24) Nitrobenzene	7.47	77	459170	39.886	ng		98
25) Isophorone	7.72	82	836990	40.923	ng		97
26) 2-Nitrophenol	7.79	139	251218	44.834	ng		97
27) 2,4-Dimethylphenol	7.83	122	414504	47.607	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	503490	38.793	ng		99
29) 2,4-Dichlorophenol	8.03	162	394392	41.760	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	425148	38.809	ng		99
31) Naphthalene	8.20	128	1316443	42.569	ng		99
32) Benzoic acid	7.96	122	279854	38.387	ng		96
33) 4-Chloroaniline	8.25	127	176885	12.776	ng		96
34) Hexachlorobutadiene	8.32	225	247293	38.610	ng		99
35) Caprolactam	8.63	113	123967m	41.301	ng		
36) 4-Chloro-3-methylphenol	8.73	107	428144	44.669	ng		95
37) 2-Methylnaphthalene	8.89	142	924418	44.241	ng		100
38) 1-Methylnaphthalene	8.99	142	867982	43.939	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	404384	37.297	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	503618	82.887	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	303294	39.055	ng		98
44) 2,4,5-Trichlorophenol	9.22	196	311446	38.626	ng		99
46) 1,1'-Biphenyl	9.36	154	1124637	40.603	ng		98
47) 2-Chloronaphthalene	9.39	162	859309	37.712	ng		97
48) 2-Nitroaniline	9.48	65	254143	36.944	ng		95
49) Acenaphthylene	9.80	152	1380601	41.558	ng		99
50) Dimethylphthalate	9.67	163	1273792	48.655	ng		97
51) 2,6-Dinitrotoluene	9.73	165	237140	41.445	ng		88
52) Acenaphthene	9.98	154	818053	38.440	ng		99
53) 3-Nitroaniline	9.89	138	125917	18.391	ng		97
54) 2,4-Dinitrophenol	10.00	184	227935	77.754	ng		89
55) Dibenzofuran	10.15	168	1215734	41.254	ng		98
56) 4-Nitrophenol	10.06	139	400761	78.420	ng		92
57) 2,4-Dinitrotoluene	10.13	165	316606	43.499	ng		98
58) Fluorene	10.50	166	939111	41.123	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	264319	39.897	ng		97
60) Diethylphthalate	10.37	149	1064172	41.693	ng		100
61) 4-Chlorophenyl-phenylether	10.49	204	469679	40.527	ng		99
62) 4-Nitroaniline	10.52	138	233425	34.051	ng		95
63) Azobenzene	10.65	77	934746	40.255	ng		97
65) 4,6-Dinitro-2-methylphenol	10.55	198	157957	47.665	ng		98
66) n-Nitrosodiphenylamine	10.60	169	844353	40.871	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	303087	39.571	ng	#	89
68) Hexachlorobenzene	11.05	284	345995	38.740	ng		98
69) Atrazine	11.13	200	301614	44.382	ng		97
70) Pentachlorophenol	11.24	266	381631	73.140	ng		100
71) Phenanthrene	11.46	178	1400693	39.247	ng		98
72) Anthracene	11.52	178	1448790	40.943	ng		99
73) Carbazole	11.66	167	1264614	40.897	ng		99
74) Di-n-butylphthalate	11.99	149	1643104	42.678	ng		99
75) Fluoranthene	12.65	202	1417381	43.333	ng		99
77) Benzidine	12.77	184	663516	44.242	ng		98
78) Pyrene	12.88	202	1411215	38.140	ng		100
80) Butylbenzylphthalate	13.50	149	668214	42.047	ng		96
81) Benzo(a)anthracene	14.07	228	1188477	39.281	ng		99
82) 3,3'-Dichlorobenzidine	14.03	252	281727	26.620	ng		99
83) Chrysene	14.12	228	1123628	38.326	ng		98
84) Bis(2-ethylhexyl)phthalate	14.06	149	928638	48.199	ng		99
85) Di-n-octyl phthalate	14.67	149	1486069	52.502	ng		98
86) Indeno(1,2,3-cd)pyrene	17.10	276	890198	35.676	ng		98
88) Benzo(b)fluoranthene	15.14	252	999494	38.834	ng		99
89) Benzo(k)fluoranthene	15.17	252	976313	40.259	ng		98
90) Benzo(a)pyrene	15.52	252	852927	37.686	ng		99
91) Dibenzo(a,h)anthracene	17.12	278	754988	38.757	ng		97
92) Benzo(g,h,i)perylene	17.56	276	727652	37.503	ng		98

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

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