Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116922.D
Acq On : 10 Sep 2019 15:40
Operator : HP/JU
Sample : PB122853BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122853BSD

Manual Integrations APPROVED
mohammad
9/16/2019 8:56:56 AM

Quant Time: Sep 10 18:01:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	77931	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	344170	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	177544	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	298439	20.00	ng		0.00
76) Chrysene-d12	13.99	240	204881	20.00	ng		0.00
87) Perylene-d12	15.43	264	132403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	508101	105.63	ng		0.01
7) Phenol-d6	6.47	99	654228	103.57	ng		0.00
23) Nitrobenzene-d5	7.40	82	380597	63.13	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	150171	126.52	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	677677	64.39	ng		0.00
79) Terphenyl-d14	12.93	244	670643	60.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	73508	33.103	ng		96
3) Pyridine	3.40	79	170768	26.560	ng		89
4) n-Nitrosodimethylamine	3.34	42	74436	33.715	ng		89
6) Aniline	6.50	93	228083	26.071	ng		100
8) 2-Chlorophenol	6.62	128	224693	42.789	ng		95
9) Benzaldehyde	6.38	77	94893	22.803	ng		98
10) Phenol	6.49	94	287018	41.035	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	207889	38.171	ng		98
12) 1,3-Dichlorobenzene	6.77	146	218826	36.871	ng		100
13) 1,4-Dichlorobenzene	6.85	146	227295	38.468	ng		99
14) 1,2-Dichlorobenzene	7.00	146	213107	38.918	ng		95
15) Benzyl Alcohol	6.97	79	200709	39.145	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	201427	31.523	ng		86
17) 2-Methylphenol	7.09	107	191422	41.641	ng		99
18) Hexachloroethane	7.35	117	87529	38.128	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	159563	38.365	ng		92
20) 3+4-Methylphenols	7.24	107	234321	43.840	ng	#	75
22) Acetophenone	7.24	105	320143	38.637	ng		97
24) Nitrobenzene	7.42	77	249879	40.753	ng		95
25) Isophorone	7.65	82	447282	36.613	ng		99
26) 2-Nitrophenol	7.73	139	116213	50.979	ng		92
27) 2,4-Dimethylphenol	7.77	122	196927	42.774	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	268625	35.982	ng		99
29) 2,4-Dichlorophenol	7.97	162	182809	41.318	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	178448	37.185	ng		96
31) Naphthalene	8.14	128	625138	38.198	ng		99
32) Benzoic acid	7.90	122	126076	48.499	ng		98
33) 4-Chloroaniline	8.19	127	185587	24.912	ng		97
34) Hexachlorobutadiene	8.26	225	98505	37.646	ng		97
35) Caprolactam	8.55	113	59031m	35.651	ng		
36) 4-Chloro-3-methylphenol	8.67	107	211576	41.606	ng		97
37) 2-Methylnaphthalene	8.83	142	435432	39.989	ng		98
38) 1-Methylnaphthalene	8.93	142	406793	39.575	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	169199	39.755	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	129715	52.778	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	122175	41.876	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	134462	44.393	ng		95
46) 1,1'-Biphenyl	9.29	154	517298	38.397	ng		99
47) 2-Chloronaphthalene	9.32	162	399915	37.478	ng		99
48) 2-Nitroaniline	9.41	65	130291	42.235	ng		98
49) Acenaphthylene	9.73	152	634608	39.344	ng		99
50) Dimethylphthalate	9.59	163	468458	38.218	ng		98
51) 2,6-Dinitrotoluene	9.65	165	104840	44.829	ng		95
52) Acenaphthene	9.90	154	374810	37.819	ng		100
53) 3-Nitroaniline	9.82	138	90253	30.795	ng		94
54) 2,4-Dinitrophenol	9.93	184	90621	105.905	ng		97
55) Dibenzofuran	10.07	168	554297	39.674	ng		96
56) 4-Nitrophenol	9.99	139	177624	88.388	ng		86
57) 2,4-Dinitrotoluene	10.06	165	140983	49.301	ng		98
58) Fluorene	10.42	166	448043	42.087	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	102980	47.109	ng		96
60) Diethylphthalate	10.29	149	479688	39.068	ng		97
61) 4-Chlorophenyl-phenylether	10.40	204	192787	41.356	ng		89
62) 4-Nitroaniline	10.43	138	117302	41.242	ng		96
63) Azobenzene	10.57	77	496492	38.780	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	61663	54.844	ng		95
66) n-Nitrosodiphenylamine	10.53	169	391895	37.960	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	112917	37.245	ng		92
68) Hexachlorobenzene	10.97	284	117610	37.078	ng		97
69) Atrazine	11.05	200	103943	35.948	ng		99
70) Pentachlorophenol	11.16	266	136723	89.103	ng		99
71) Phenanthrene	11.38	178	630595	37.958	ng		99
72) Anthracene	11.43	178	649986	38.867	ng		99
73) Carbazole	11.58	167	616924	38.727	ng		99
74) Di-n-butylphthalate	11.91	149	761854	37.306	ng		100
75) Fluoranthene	12.56	202	637855	39.069	ng		99
77) Benzidine	12.68	184	109594	13.638	ng		99
78) Pyrene	12.79	202	650703	35.728	ng		99
80) Butylbenzylphthalate	13.40	149	306918	34.654	ng		94
81) Benzo(a)anthracene	13.97	228	494294	38.120	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	138345	31.571	ng		97
83) Chrysene	14.02	228	476320	35.655	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	413052	37.781	ng		99
85) Di-n-octyl phthalate	14.57	149	649105	36.280	ng	#	94
86) Indeno(1,2,3-cd)pyrene	16.89	276	347035	32.342	ng		97
88) Benzo(b)fluoranthene	15.02	252	383843	47.951	ng		98
89) Benzo(k)fluoranthene	15.04	252	373627	51.191	ng		98
90) Benzo(a)pyrene	15.37	252	348682	50.067	ng		97
91) Dibenzo(a,h)anthracene	16.89	278	288226	47.282	ng		97
92) Benzo(g,h,i)perylene	17.32	276	290865	46.785	ng		99

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

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