Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
Data File : BF117443.D
Acq On : 18 Oct 2019 16:33
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
10/20/2019 8:04:33 PM

Quant Time: Oct 18 18:34:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 17:56:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45803	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	196373	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	100998	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	160878	20.00	ng		0.00
76) Chrysene-d12	13.90	240	112417	20.00	ng		0.00
87) Perylene-d12	15.32	264	97643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	311730	104.72	ng		0.00
7) Phenol-d6	6.39	99	418541	105.97	ng		0.00
23) Nitrobenzene-d5	7.31	82	397656	102.65	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	88182	107.28	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	707069	102.06	ng		0.00
79) Terphenyl-d14	12.84	244	665020	96.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	64766	52.849	ng		98
3) Pyridine	3.12	79	160804	51.560	ng		99
4) n-Nitrosodimethylamine	3.07	42	60762	55.287	ng		97
6) Aniline	6.40	93	247781	50.218	ng	#	89
8) 2-Chlorophenol	6.53	128	164772	49.786	ng		95
9) Benzaldehyde	6.29	77	95000	49.330	ng		92
10) Phenol	6.40	94	213949	50.175	ng		91
11) bis(2-Chloroethyl)ether	6.47	93	164270	50.670	ng		98
12) 1,3-Dichlorobenzene	6.67	146	184470	49.841	ng		98
13) 1,4-Dichlorobenzene	6.75	146	188745	50.027	ng		99
14) 1,2-Dichlorobenzene	6.91	146	174990	49.105	ng		96
15) Benzyl Alcohol	6.89	79	152021	50.307	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	169985	49.935	ng		98
17) 2-Methylphenol	7.00	107	134587	48.711	ng		98
18) Hexachloroethane	7.24	117	71928	49.035	ng		90
19) n-Nitroso-di-n-propylamine	7.16	70	127968	50.814	ng		97
20) 3+4-Methylphenols	7.16	107	180587	50.761	ng	#	89
22) Acetophenone	7.16	105	262379	50.918	ng		98
24) Nitrobenzene	7.33	77	192398	49.579	ng		95
25) Isophorone	7.56	82	342173	49.583	ng		97
26) 2-Nitrophenol	7.64	139	85665	49.755	ng		97
27) 2,4-Dimethylphenol	7.68	122	126747	48.437	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	211563	49.453	ng		97
29) 2,4-Dichlorophenol	7.89	162	134386	49.772	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	143200	49.198	ng		100
31) Naphthalene	8.04	128	486943	49.653	ng		100
32) Benzoic acid	7.85	122	92744	56.918	ng		97
33) 4-Chloroaniline	8.10	127	202689	48.666	ng		97
34) Hexachlorobutadiene	8.16	225	84228	50.526	ng		99
35) Caprolactam	8.48	113	43819m	51.824	ng		
36) 4-Chloro-3-methylphenol	8.59	107	153869	50.083	ng		98
37) 2-Methylnaphthalene	8.73	142	323554	48.859	ng		100
38) 1-Methylnaphthalene	8.83	142	309061	49.534	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	137773	50.685	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	29128	57.386	ng		95
43) 2,4,6-Trichlorophenol	9.02	196	85521	49.715	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	85429	48.687	ng		96
46) 1,1'-Biphenyl	9.19	154	413455	50.110	ng		98
47) 2-Chloronaphthalene	9.22	162	313580	48.754	ng		97
48) 2-Nitroaniline	9.32	65	103317	50.345	ng		92
49) Acenaphthylene	9.63	152	455137	48.270	ng		99
50) Dimethylphthalate	9.50	163	355175	48.966	ng		99
51) 2,6-Dinitrotoluene	9.56	165	74429	48.818	ng		91
52) Acenaphthene	9.80	154	278200	48.556	ng		98
53) 3-Nitroaniline	9.74	138	89522	48.084	ng		91
54) 2,4-Dinitrophenol	9.86	184	28342	48.519	ng		99
55) Dibenzofuran	9.97	168	409172	48.956	ng		99
56) 4-Nitrophenol	9.91	139	40612	54.812	ng		88
57) 2,4-Dinitrotoluene	9.97	165	99384	49.403	ng		93
58) Fluorene	10.32	166	338754	48.678	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	68466	50.473	ng		95
60) Diethylphthalate	10.19	149	359300	49.142	ng		98
61) 4-Chlorophenyl-phenylether	10.31	204	152627	49.537	ng		89
62) 4-Nitroaniline	10.36	138	85454	48.286	ng		97
63) Azobenzene	10.47	77	374743	49.952	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	42498	52.587	ng		89
66) n-Nitrosodiphenylamine	10.43	169	289334	48.143	ng		98
67) 4-Bromophenyl-phenylether	10.80	248	86168	48.832	ng	#	89
68) Hexachlorobenzene	10.87	284	92777	48.958	ng	#	85
69) Atrazine	10.96	200	65366	67.074	ng		98
70) Pentachlorophenol	11.07	266	28492	50.257	ng		93
71) Phenanthrene	11.28	178	460015	48.371	ng		98
72) Anthracene	11.33	178	467764	47.646	ng		100
73) Carbazole	11.49	167	432471	48.495	ng		100
74) Di-n-butylphthalate	11.82	149	580368	48.061	ng		98
75) Fluoranthene	12.47	202	470252	49.728	ng		96
77) Benzidine	12.59	184	143149	51.486	ng		97
78) Pyrene	12.70	202	470320	47.330	ng		99
80) Butylbenzylphthalate	13.30	149	234618	46.954	ng		99
81) Benzo(a)anthracene	13.89	228	369911	47.957	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	115100	47.196	ng	#	97
83) Chrysene	13.92	228	364002	47.853	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	330186	46.866	ng		97
85) Di-n-octyl phthalate	14.47	149	508542	47.412	ng		100
86) Indeno(1,2,3-cd)pyrene	16.73	276	268915	50.560	ng		100
88) Benzo(b)fluoranthene	14.92	252	277557	45.660	ng		99
89) Benzo(k)fluoranthene	14.94	252	297762	49.290	ng		99
90) Benzo(a)pyrene	15.27	252	258336	47.993	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	225051	48.792	ng		98
92) Benzo(g,h,i)perylene	17.15	276	213352	48.594	ng		99

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

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