Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107210.D
Acq On : 7 Jul 2018 16:54
Operator : JU/SJ
Sample : J3879-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Manual Integrations APPROVED
Sohil
7/9/2018 2:06:34 PM

Quant Time: Jul 09 04:36:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66406	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	239267	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	115890	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	224394	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	156290	20.00	ng		-0.01
86) Perylene-d12	15.69	264	124563	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	441380	112.55	ng		0.00
7) Phenol-d6	6.61	99	545317	111.35	ng		0.00
23) Nitrobenzene-d5	7.52	82	353917	82.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	165947	123.55	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	617610	91.30	ng		-0.02
78) Terphenyl-d14	13.07	244	690401	107.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	61405	30.456	ng		97
3) Pyridine	3.61	79	185688	33.959	ng		96
4) n-Nitrosodimethylamine	3.58	42	79702	34.319	ng	#	79
6) Aniline	6.62	93	134355	20.224	ng	#	22
8) 2-Chlorophenol	6.75	128	174071	40.469	ng		99
9) Benzaldehyde	6.51	77	78872	20.761	ng		97
10) Phenol	6.62	94	221266	39.589	ng		82
11) bis(2-Chloroethyl)ether	6.69	93	184624	40.013	ng		98
12) 1,3-Dichlorobenzene	6.89	146	204211	40.536	ng		98
13) 1,4-Dichlorobenzene	6.97	146	207177	40.677	ng		98
14) 1,2-Dichlorobenzene	7.12	146	191499	41.026	ng		98
15) Benzyl Alcohol	7.10	79	141311	35.935	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	246995	40.800	ng	#	44
17) 2-Methylphenol	7.22	107	152003	41.294	ng	#	87
18) Hexachloroethane	7.45	117	57477	32.091	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	124948	38.705	ng		92
20) 3+4-Methylphenols	7.37	107	200791	53.247	ng		97
22) Acetophenone	7.36	105	248644	46.449	ng	#	98
24) Nitrobenzene	7.54	77	189485	43.108	ng		96
25) Isophorone	7.78	82	342263	45.113	ng		99
26) 2-Nitrophenol	7.85	139	89755	43.254	ng		93
27) 2,4-Dimethylphenol	7.90	122	163257	50.902	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	226911	44.545	ng		98
29) 2,4-Dichlorophenol	8.11	162	162612	48.428	ng		93
30) 1,2,4-Trichlorobenzene	8.17	180	176084	47.602	ng		98
31) Naphthalene	8.26	128	510548	45.640	ng		100
32) Benzoic acid	7.99	122	6935	8.349	ng		94
33) 4-Chloroaniline	8.31	127	92728	19.755	ng		99
34) Hexachlorobutadiene	8.36	225	117224	48.635	ng		98
35) Caprolactam	8.69	113	48999m	44.766	ng		
36) 4-Chloro-3-methylphenol	8.81	107	153267	43.365	ng		95
37) 2-Methylnaphthalene	8.95	142	358911	48.406	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	183340	46.976	ng	#	95
40) Hexachlorocyclopentadiene	9.09	237	5618	2.798	ng		94

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42) 2,4,6-Trichlorophenol	9.24	196	106639	41.106	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	105174	38.852	ng	#	88
45) 1,1'-Biphenyl	9.41	154	421782	45.668	ng		98
46) 2-Chloronaphthalene	9.44	162	304141	41.835	ng		96
47) 2-Nitroaniline	9.55	65	101559	41.543	ng		99
48) Acenaphthylene	9.86	152	470704	41.010	ng		99
49) Dimethylphthalate	9.71	163	533182	61.342	ng		98
50) 2,6-Dinitrotoluene	9.78	165	79042	42.945	ng		93
51) Acenaphthene	10.03	154	285745	39.535	ng		98
52) 3-Nitroaniline	9.96	138	71667	33.838	ng		99
53) 2,4-Dinitrophenol	10.08	184	5403	10.621	ng	#	20
54) Dibenzofuran	10.20	168	432536	43.704	ng		97
55) 4-Nitrophenol	10.14	139	78545	53.129	ng		94
56) 2,4-Dinitrotoluene	10.20	165	91244	37.980	ng	#	95
57) Fluorene	10.55	166	338710	43.128	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	93603	43.499	ng	#	77
59) Diethylphthalate	10.41	149	347110	41.376	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	181093	44.070	ng	#	85
61) 4-Nitroaniline	10.58	138	85801	40.819	ng		97
62) Azobenzene	10.70	77	311718	37.733	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	15059	10.857	ng	#	72
65) n-Nitrosodiphenylamine	10.65	169	297910	39.471	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	121542	45.385	ng	#	78
67) Hexachlorobenzene	11.10	284	125390	44.736	ng	#	79
68) Atrazine	11.18	200	100991	42.090	ng		95
69) Pentachlorophenol	11.30	266	66329	47.427	ng		98
70) Phenanthrene	11.52	178	572191	52.868	ng		99
71) Anthracene	11.57	178	522130	47.264	ng		99
72) Carbazole	11.73	167	447728	43.289	ng		98
73) Di-n-butylphthalate	12.03	149	522469	42.879	ng		99
74) Fluoranthene	12.71	202	723139	60.620	ng		96
76) Benzidine	12.83	184	199219	44.757	ng		97
77) Pyrene	12.95	202	702159	68.130	ng		100
79) Butylbenzylphthalate	13.54	149	207711	49.018	ng	#	97
80) Benzo(a)anthracene	14.14	228	553990	58.159	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	113946	34.036	ng	#	96
82) Chrysene	14.18	228	480443	54.824	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	271531	50.122	ng	#	96
84) Di-n-octyl phthalate	14.72	149	409028	46.320	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	366594	49.295	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	452265	58.449	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	372799	50.592	ng	#	96
89) Benzo(a)pyrene	15.63	252	388334m	56.454	ng		
90) Dibenzo(a,h)anthracene	17.30	278	270494	46.400	ng	#	94
91) Benzo(g,h,i)perylene	17.78	276	311948	54.747	ng	#	89

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

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