Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108935.D
Acq On : 11 Sep 2018 15:14
Operator : JU/SJ
Sample : J4825-18MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MSD

Manual Integrations APPROVED
Sohil
9/12/2018 9:11:54 AM

Quant Time: Sep 11 16:47:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176507	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	690568	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	327032	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	589726	20.00	ng		0.00
75) Chrysene-d12	13.88	240	363631	20.00	ng		0.01
86) Perylene-d12	15.28	264	445718	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	718650	67.45	ng		0.01
7) Phenol-d6	6.37	99	929975	67.84	ng		0.00
23) Nitrobenzene-d5	7.30	82	582481	52.79	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	225480	72.22	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1062981	55.45	ng		0.00
78) Terphenyl-d14	12.83	244	886589	56.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	95860	18.721	ng		94
3) Pyridine	3.17	79	268098	19.119	ng		90
4) n-Nitrosodimethylamine	3.08	42	125085	23.225	ng		91
6) Aniline	6.40	93	268094	14.541	ng		97
8) 2-Chlorophenol	6.52	128	271755	23.044	ng		93
9) Benzaldehyde	6.28	77	138877	14.280	ng		99
10) Phenol	6.38	94	347038	22.103	ng		97
11) bis(2-Chloroethyl)ether	6.47	93	268278	21.329	ng		96
12) 1,3-Dichlorobenzene	6.68	146	295448	21.954	ng		98
13) 1,4-Dichlorobenzene	6.75	146	297714	22.122	ng		99
14) 1,2-Dichlorobenzene	6.91	146	286145	23.067	ng		99
15) Benzyl Alcohol	6.88	79	242399	23.041	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	398961	21.219	ng		96
17) 2-Methylphenol	7.00	107	221941	22.269	ng		99
18) Hexachloroethane	7.25	117	108847	22.431	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	193570	20.314	ng		98
20) 3+4-Methylphenols	7.14	107	269339	23.070	ng	#	56
22) Acetophenone	7.14	105	365049	23.292	ng	#	94
24) Nitrobenzene	7.31	77	289616	24.461	ng		98
25) Isophorone	7.55	82	529208	24.043	ng		96
26) 2-Nitrophenol	7.64	139	135062	28.955	ng		95
27) 2,4-Dimethylphenol	7.68	122	242376	25.588	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	340098	23.111	ng		99
29) 2,4-Dichlorophenol	7.88	162	226023	23.141	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	234726	22.175	ng		97
31) Naphthalene	8.04	128	790030	25.428	ng		99
32) Benzoic acid	7.68	122	242376	40.532	ng	#	14
33) 4-Chloroaniline	8.08	127	199417	13.975	ng		100
34) Hexachlorobutadiene	8.17	225	140646	22.242	ng		99
35) Caprolactam	8.44	113	69434	20.979	ng	#	81
36) 4-Chloro-3-methylphenol	8.57	107	234743	22.561	ng		98
37) 2-Methylnaphthalene	8.73	142	527028	25.677	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	225789	23.096	ng		98
40) Hexachlorocyclopentadiene	8.90	237	245438	49.905	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	155915	23.415	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	167607	24.283	ng		94
45) 1,1'-Biphenyl	9.20	154	616924	24.503	ng		98
46) 2-Chloronaphthalene	9.22	162	475328	23.344	ng		97
47) 2-Nitroaniline	9.31	65	147534	26.523	ng		97
48) Acenaphthylene	9.63	152	779786	25.692	ng		99
49) Dimethylphthalate	9.50	163	739870	32.346	ng		99
50) 2,6-Dinitrotoluene	9.55	165	121081	27.780	ng		95
51) Acenaphthene	9.80	154	463671	24.687	ng		97
52) 3-Nitroaniline	9.71	138	104076	20.060	ng		96
53) 2,4-Dinitrophenol	9.82	184	34809	28.513	ng	#	22
54) Dibenzofuran	9.97	168	663433	24.232	ng		98
55) 4-Nitrophenol	9.88	139	179713	46.333	ng		96
56) 2,4-Dinitrotoluene	9.95	165	156220	28.027	ng	#	89
57) Fluorene	10.31	166	489037	27.835	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	128876	23.154	ng	#	89
59) Diethylphthalate	10.20	149	544657	23.074	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	234807	25.024	ng		95
61) 4-Nitroaniline	10.32	138	106267	22.609	ng		98
62) Azobenzene	10.47	77	555229	22.787	ng		92
64) 4,6-Dinitro-2-methylphenol	10.36	198	34520	19.624	ng		78
65) n-Nitrosodiphenylamine	10.42	169	465034	23.718	ng		96
66) 4-Bromophenyl-phenylether	10.80	248	153992	23.119	ng		90
67) Hexachlorobenzene	10.87	284	165005	23.207	ng	#	91
68) Atrazine	10.95	200	145487	23.179	ng		97
69) Pentachlorophenol	11.05	266	132696	30.525	ng		99
70) Phenanthrene	11.27	178	822217	29.196	ng		99
71) Anthracene	11.32	178	764711	28.361	ng		99
72) Carbazole	11.47	167	637756	22.459	ng		99
73) Di-n-butylphthalate	11.82	149	823446	26.113	ng		98
74) Fluoranthene	12.45	202	840006	30.126	ng		98
76) Benzidine	12.57	184	257201	14.923	ng		99
77) Pyrene	12.68	202	814515	29.110	ng		100
79) Butylbenzylphthalate	13.31	149	286782	22.759	ng		95
80) Benzo(a)anthracene	13.87	228	598549	25.680	ng		100
81) 3,3'-Dichlorobenzidine	13.82	252	158339	17.437	ng		97
82) Chrysene	13.90	228	565466	25.061	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	352107	22.236	ng		99
84) Di-n-octyl phthalate	14.48	149	608926	23.065	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	734859	36.801	ng		94
87) Benzo(b)fluoranthene	14.88	252	627757	25.902	ng		99
88) Benzo(k)fluoranthene	14.91	252	552915m	24.773	ng		
89) Benzo(a)pyrene	15.22	252	606257	27.723	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	557731	28.943	ng		96
91) Benzo(g,h,i)perylene	17.06	276	637680	33.051	ng		94

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

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