Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110811.D
Acq On : 16 Nov 2018 12:18
Operator : JU/SJ
Sample : J5939-02MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Manual Integrations APPROVED
Sohil
11/19/2018 11:55:36 AM

Quant Time: Nov 16 12:55:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60714	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	251442	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	123069	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	239159	20.00	ng		0.00
76) Chrysene-d12	14.13	240	148006	20.00	ng		0.00
87) Perylene-d12	15.66	264	134382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	380126	101.70	ng		0.02
7) Phenol-d6	6.57	99	383248	80.18	ng		0.00
23) Nitrobenzene-d5	7.50	82	308672	70.70	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	39812	32.10	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	598385	69.44	ng		0.00
79) Terphenyl-d14	13.06	244	623254	78.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	46346	24.885	ng		91
3) Pyridine	3.59	79	101342	25.210	ng	#	85
4) n-Nitrosodimethylamine	3.55	42	66769	38.710	ng		89
6) Aniline	6.60	93	252980	40.586	ng	#	55
8) 2-Chlorophenol	6.73	128	166380	37.971	ng		98
9) Benzaldehyde	6.50	77	79073	28.548	ng		97
10) Phenol	6.58	94	167281	30.182	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	144984	34.906	ng		94
12) 1,3-Dichlorobenzene	6.88	146	164884	34.391	ng		98
13) 1,4-Dichlorobenzene	6.96	146	169436	34.802	ng		98
14) 1,2-Dichlorobenzene	7.11	146	163773	36.161	ng		99
15) Benzyl Alcohol	7.08	79	139669	37.340	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	229560	35.193	ng		75
17) 2-Methylphenol	7.19	107	118660	34.026	ng	#	82
18) Hexachloroethane	7.45	117	62492	34.769	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	113745	37.280	ng		95
20) 3+4-Methylphenols	7.35	107	147093m	32.858	ng		
22) Acetophenone	7.35	105	228617	39.013	ng		96
24) Nitrobenzene	7.53	77	172326	38.523	ng		91
25) Isophorone	7.76	82	311349	43.508	ng		97
26) 2-Nitrophenol	7.84	139	54228	24.300	ng		98
27) 2,4-Dimethylphenol	7.87	122	132198	38.897	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	189733	39.159	ng		99
29) 2,4-Dichlorophenol	8.08	162	136876	39.140	ng		100
30) 1,2,4-Trichlorobenzene	8.16	180	145335	36.860	ng		98
31) Naphthalene	8.25	128	477790	40.477	ng		100
33) 4-Chloroaniline	8.30	127	228271	42.694	ng		98
34) Hexachlorobutadiene	8.35	225	81324	36.110	ng		98
35) Caprolactam	8.66	113	31444	26.912	ng		90
36) 4-Chloro-3-methylphenol	8.77	107	130371	34.566	ng		97
37) 2-Methylnaphthalene	8.93	142	335199	43.319	ng		100
38) 1-Methylnaphthalene	9.04	142	320035	43.006	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	142857	36.671	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	39971	16.328	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.27	196	58945	22.573	ng		95
46) 1,1'-Biphenyl	9.40	154	409507	35.669	ng		100
47) 2-Chloronaphthalene	9.43	162	313839	37.944	ng		100
48) 2-Nitroaniline	9.53	65	101769	39.928	ng		92
49) Acenaphthylene	9.85	152	493131	41.400	ng		98
50) Dimethylphthalate	9.70	163	367737	40.045	ng		98
51) 2,6-Dinitrotoluene	9.77	165	81447	40.318	ng		96
52) Acenaphthene	10.02	154	298929	39.711	ng		97
53) 3-Nitroaniline	9.95	138	87755	37.496	ng		95
55) Dibenzofuran	10.19	168	438371	39.804	ng		96
56) 4-Nitrophenol	10.12	139	15378	9.904	ng		97
57) 2,4-Dinitrotoluene	10.18	165	68814	26.199	ng		99
58) Fluorene	10.53	166	348856	41.239	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	16852	8.204	ng	#	78
60) Diethylphthalate	10.39	149	378292	41.639	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	169629	38.728	ng		97
62) 4-Nitroaniline	10.56	138	94672	40.171	ng		97
63) Azobenzene	10.68	77	349438	39.423	ng		98
66) n-Nitrosodiphenylamine	10.64	169	313038	38.832	ng		97
67) 4-Bromophenyl-phenylether	11.01	248	100145	37.888	ng	#	89
68) Hexachlorobenzene	11.09	284	105954	38.021	ng	#	93
69) Atrazine	11.17	200	105483	42.795	ng		99
70) Pentachlorophenol	11.30	266	3283	2.208	ng		97
71) Phenanthrene	11.50	178	537231	41.929	ng		99
72) Anthracene	11.56	178	560243	43.345	ng		99
73) Carbazole	11.72	167	483944	38.987	ng		99
74) Di-n-butylphthalate	12.02	149	591805	40.657	ng		99
75) Fluoranthene	12.70	202	546055	42.508	ng		100
77) Benzidine	12.83	184	1165625	286.380	ng		96
78) Pyrene	12.93	202	539239	47.318	ng		99
80) Butylbenzylphthalate	13.53	149	203089	41.404	ng		96
81) Benzo(a)anthracene	14.12	228	386482	43.688	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	115719	39.048	ng		98
83) Chrysene	14.16	228	359140	42.612	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	248786	40.887	ng		96
85) Di-n-octyl phthalate	14.69	149	397004	44.369	ng		99
86) Indeno(1,2,3-cd)pyrene	17.25	276	389783	64.449	ng		98
88) Benzo(b)fluoranthene	15.20	252	336102	41.808	ng		98
89) Benzo(k)fluoranthene	15.23	252	295499	37.199	ng	#	98
90) Benzo(a)pyrene	15.60	252	320715	43.908	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	321712	52.047	ng		98
92) Benzo(g,h,i)perylene	17.72	276	312679	50.984	ng		98

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

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