Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110807.D
Acq On : 15 Nov 2018 23:51
Operator : JU/SJ
Sample : J5939-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATERMSD

Manual Integrations APPROVED
Sohil
11/16/2018 10:07:31 AM

Quant Time: Nov 16 08:05:57 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	53235	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	216857	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	100079	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	174321	20.00	ng		0.00
76) Chrysene-d12	14.13	240	143511	20.00	ng		0.00
87) Perylene-d12	15.66	264	109146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	346397	105.69	ng		0.01
7) Phenol-d6	6.57	99	336586	80.31	ng		0.00
23) Nitrobenzene-d5	7.50	82	265011	70.38	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	94377	93.59	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	506555	72.29	ng		0.00
79) Terphenyl-d14	13.06	244	466619	60.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	39625	24.266	ng		88
3) Pyridine	3.57	79	89116	25.283	ng		88
4) n-Nitrosodimethylamine	3.52	42	58006	38.354	ng	#	88
6) Aniline	6.61	93	320647	58.668	ng	#	52
8) 2-Chlorophenol	6.73	128	149417	38.890	ng		99
9) Benzaldehyde	6.50	77	42421	15.843	ng		97
10) Phenol	6.58	94	126887	26.110	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	127503	35.010	ng		93
12) 1,3-Dichlorobenzene	6.88	146	146095	34.753	ng		99
13) 1,4-Dichlorobenzene	6.96	146	149504	35.023	ng		96
14) 1,2-Dichlorobenzene	7.11	146	140650	35.418	ng		99
15) Benzyl Alcohol	7.08	79	117433	35.806	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	201207	35.180	ng		74
17) 2-Methylphenol	7.19	107	101656	33.246	ng	#	83
18) Hexachloroethane	7.45	117	47388	30.070	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	98834	36.944	ng		97
20) 3+4-Methylphenols	7.34	107	130441	33.232	ng		96
22) Acetophenone	7.35	105	200896	39.750	ng	#	96
24) Nitrobenzene	7.53	77	149613	38.779	ng		93
25) Isophorone	7.76	82	260802	42.257	ng		96
26) 2-Nitrophenol	7.84	139	87255	45.335	ng		100
27) 2,4-Dimethylphenol	7.87	122	110882	37.828	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	165520	39.610	ng		99
29) 2,4-Dichlorophenol	8.08	162	134941	44.740	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	126951	37.332	ng		95
31) Naphthalene	8.25	128	418409	41.100	ng		100
33) 4-Chloroaniline	8.30	127	253875	55.056	ng		98
34) Hexachlorobutadiene	8.35	225	70149	36.115	ng		99
35) Caprolactam	8.66	113	27847	27.635	ng		92
36) 4-Chloro-3-methylphenol	8.77	107	111533	34.288	ng		95
37) 2-Methylnaphthalene	8.94	142	286220	42.888	ng		99
38) 1-Methylnaphthalene	9.03	142	270859m	42.202	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	120587	38.065	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	82716	41.551	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.26	196	93046	43.818	ng	96
46) 1,1'-Biphenyl	9.40	154	347771	37.251	ng	99
47) 2-Chloronaphthalene	9.43	162	257411	38.271	ng	98
48) 2-Nitroaniline	9.53	65	83431	40.253	ng	88
49) Acenaphthylene	9.85	152	405856	41.900	ng	99
50) Dimethylphthalate	9.69	163	307348	41.157	ng	99
51) 2,6-Dinitrotoluene	9.77	165	64743	39.412	ng	96
52) Acenaphthene	10.02	154	243267	39.740	ng	98
53) 3-Nitroaniline	9.95	138	74657	39.228	ng	87
55) Dibenzofuran	10.19	168	352423	39.351	ng	97
56) 4-Nitrophenol	10.10	139	72249	57.221	ng	95
57) 2,4-Dinitrotoluene	10.18	165	56131	26.280	ng	97
58) Fluorene	10.53	166	280061	40.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	56904	34.064	ng	93
60) Diethylphthalate	10.39	149	312455	42.293	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	137547	38.617	ng	98
62) 4-Nitroaniline	10.56	138	78688	41.059	ng	91
63) Azobenzene	10.68	77	276475	38.357	ng	98
66) n-Nitrosodiphenylamine	10.64	169	248681	42.323	ng	96
67) 4-Bromophenyl-phenylether	11.02	248	77153	40.046	ng	99
68) Hexachlorobenzene	11.09	284	80771	39.765	ng	95
69) Atrazine	11.16	200	81321	45.264	ng	100
70) Pentachlorophenol	11.29	266	27548	25.417	ng	99
71) Phenanthrene	11.50	178	395657	42.365	ng	100
72) Anthracene	11.56	178	411014	43.627	ng	99
73) Carbazole	11.72	167	355274	39.267	ng	99
74) Di-n-butylphthalate	12.02	149	474437	44.716	ng	99
75) Fluoranthene	12.70	202	393693	42.047	ng	99
77) Benzidine	12.84	184	1896397	480.516	ng	96
78) Pyrene	12.93	202	397958	36.014	ng	98
80) Butylbenzylphthalate	13.53	149	182243	38.318	ng	97
81) Benzo(a)anthracene	14.12	228	365956	42.663	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	136603	47.539	ng	98
83) Chrysene	14.16	228	346908	42.450	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	244188	41.388	ng	97
85) Di-n-octyl phthalate	14.69	149	437954	50.478	ng	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	230488	39.304	ng	98
88) Benzo(b)fluoranthene	15.20	252	310352	47.531	ng	100
89) Benzo(k)fluoranthene	15.23	252	281699m	43.662	ng	
90) Benzo(a)pyrene	15.60	252	265576	44.766	ng	96
91) Dibenzo(a,h)anthracene	17.24	278	191997	38.243	ng	100
92) Benzo(g,h,i)perylene	17.72	276	180048	36.146	ng	96

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

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