Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115247.D
Acq On : 27 Jun 2019 21:22
Operator : HP/JU
Sample : K3529-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SEDIME

Manual Integrations APPROVED
mohammad
6/28/2019 2:58:36 PM

Quant Time: Jun 28 06:59:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	211299	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	808906	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	400314	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	809739	20.00	ng		0.00
76) Chrysene-d12	13.72	240	614096	20.00	ng		0.00
87) Perylene-d12	15.07	264	773459	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1542842	112.68	ng		0.01
7) Phenol-d6	6.24	99	1704168	102.54	ng		0.00
23) Nitrobenzene-d5	7.16	82	1210019	92.02	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	557224	132.00	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2253818	95.63	ng		0.00
79) Terphenyl-d14	12.68	244	2590017	89.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	218896	33.874	ng		99
3) Pyridine	2.87	79	598279	32.848	ng		98
4) n-Nitrosodimethylamine	2.78	42	259169	36.297	ng		95
6) Aniline	6.26	93	508246	22.251	ng	#	1
8) 2-Chlorophenol	6.38	128	572088	37.157	ng		100
9) Benzaldehyde	6.14	77	386410	35.638	ng		99
10) Phenol	6.26	94	993920	51.055	ng		99
11) bis(2-Chloroethyl)ether	6.34	93	552646	38.511	ng		98
12) 1,3-Dichlorobenzene	6.54	146	659650	38.605	ng		98
13) 1,4-Dichlorobenzene	6.61	146	667215	38.939	ng		99
14) 1,2-Dichlorobenzene	6.77	146	615211	38.771	ng		98
15) Benzyl Alcohol	6.75	79	481435	39.782	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	764697	36.741	ng		98
17) 2-Methylphenol	6.87	107	472139	37.151	ng		100
18) Hexachloroethane	7.11	117	230059	37.242	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	394481	37.075	ng		98
20) 3+4-Methylphenols	7.02	107	875124	59.636	ng	#	69
22) Acetophenone	7.01	105	815122	44.017	ng	#	95
24) Nitrobenzene	7.18	77	620322	42.820	ng		98
25) Isophorone	7.42	82	1099205	40.806	ng		100
26) 2-Nitrophenol	7.50	139	325994	45.567	ng		98
27) 2,4-Dimethylphenol	7.55	122	518838	44.294	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	698507	41.026	ng		99
29) 2,4-Dichlorophenol	7.74	162	517749	42.831	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	570011	42.690	ng		98
31) Naphthalene	7.90	128	1745636	43.963	ng		100
32) Benzoic acid	7.65	122	15274m	1.827	ng		
33) 4-Chloroaniline	7.95	127	255090	14.057	ng		100
34) Hexachlorobutadiene	8.03	225	309527	42.301	ng		99
35) Caprolactam	8.32	113	144914m	35.657	ng		
36) 4-Chloro-3-methylphenol	8.44	107	522758	42.702	ng		95
37) 2-Methylnaphthalene	8.59	142	1202664	44.921	ng		99
38) 1-Methylnaphthalene	8.69	142	1118956	43.761	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	525576	46.461	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	339716	50.646	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	370037	42.370	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	404624	44.990	ng	99
46) 1,1'-Biphenyl	9.05	154	1420712	44.355	ng	99
47) 2-Chloronaphthalene	9.08	162	1136199	43.730	ng	99
48) 2-Nitroaniline	9.17	65	342870	45.264	ng	99
49) Acenaphthylene	9.48	152	1793394	44.302	ng	99
50) Dimethylphthalate	9.36	163	1358742	46.134	ng	100
51) 2,6-Dinitrotoluene	9.41	165	314774	46.293	ng	99
52) Acenaphthene	9.66	154	1053295	41.582	ng	99
53) 3-Nitroaniline	9.57	138	224066	27.003	ng	95
54) 2,4-Dinitrophenol	9.68	184	36855	16.910	ng	91
55) Dibenzofuran	9.83	168	1582828	43.536	ng	100
56) 4-Nitrophenol	9.74	139	514124	77.286	ng	97
57) 2,4-Dinitrotoluene	9.81	165	414889	47.256	ng	95
58) Fluorene	10.17	166	1124741	46.717	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	317577	42.111	ng	98
60) Diethylphthalate	10.06	149	1313114	44.354	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	544282	47.729	ng	98
62) 4-Nitroaniline	10.19	138	373996	44.929	ng	96
63) Azobenzene	10.32	77	1201965	43.467	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	55392	16.488	ng	98
66) n-Nitrosodiphenylamine	10.28	169	1113713	44.147	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	382787	43.601	ng	93
68) Hexachlorobenzene	10.72	284	417272	43.788	ng	97
69) Atrazine	10.82	200	365583	45.049	ng	99
70) Pentachlorophenol	10.91	266	281872	46.430	ng	99
71) Phenanthrene	11.12	178	1867390	42.832	ng	99
72) Anthracene	11.17	178	1912310	43.453	ng	100
73) Carbazole	11.32	167	1772830	45.112	ng	99
74) Di-n-butylphthalate	11.68	149	2041736	44.961	ng	100
75) Fluoranthene	12.30	202	1968578	45.256	ng	98
77) Benzidine	12.42	184	829120	30.406	ng	99
78) Pyrene	12.52	202	2047911	43.394	ng	99
80) Butylbenzylphthalate	13.16	149	959733	46.081	ng	95
81) Benzo(a)anthracene	13.71	228	1912779	43.410	ng	99
82) 3,3'-Dichlorobenzidine	13.67	252	393110	24.705	ng	98
83) Chrysene	13.74	228	1803001	44.670	ng	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1269749	46.528	ng	100
85) Di-n-octyl phthalate	14.34	149	2320715	50.613	ng	99
86) Indeno(1,2,3-cd)pyrene	16.34	276	2019147	42.276	ng	99
88) Benzo(b)fluoranthene	14.71	252	2165305	44.866	ng	99
89) Benzo(k)fluoranthene	14.73	252	1843215	42.588	ng	100
90) Benzo(a)pyrene	15.02	252	1966522	45.209	ng	98
91) Dibenzo(a,h)anthracene	16.36	278	1684923	41.491	ng	98
92) Benzo(g,h,i)perylene	16.72	276	1622555	39.477	ng	99

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

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