Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115248.D
Acq On : 27 Jun 2019 21:48
Operator : HP/JU
Sample : K3529-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/28/2019 2:58:39 PM

Quant Time: Jun 28 07:01:15 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	237987	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	911871	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	444160	20.00	ng		0.00
64) Phenanthrene-d10	11.09	188	880008	20.00	ng		0.00
76) Chrysene-d12	13.72	240	698943	20.00	ng		0.00
87) Perylene-d12	15.07	264	817044	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1494430	96.90	ng		0.01
7) Phenol-d6	6.24	99	1797618	96.03	ng		0.00
23) Nitrobenzene-d5	7.16	82	1322407	89.21	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	557662	119.06	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2396562	91.65	ng		0.00
79) Terphenyl-d14	12.68	244	2620910	79.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	225289	30.953	ng		100
3) Pyridine	2.88	79	621672	30.305	ng		99
4) n-Nitrosodimethylamine	2.79	42	271169	33.719	ng		98
6) Aniline	6.26	93	518537	20.156	ng	#	1
8) 2-Chlorophenol	6.38	128	603995	34.830	ng		99
9) Benzaldehyde	6.14	77	407595	33.376	ng		99
10) Phenol	6.25	94	1011422	46.128	ng		97
11) bis(2-Chloroethyl)ether	6.34	93	616301	38.131	ng		98
12) 1,3-Dichlorobenzene	6.54	146	725149	37.679	ng		98
13) 1,4-Dichlorobenzene	6.61	146	729777	37.814	ng		98
14) 1,2-Dichlorobenzene	6.77	146	675498	37.796	ng		98
15) Benzyl Alcohol	6.75	79	520627	38.196	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	848620	36.201	ng		98
17) 2-Methylphenol	6.87	107	488308	34.115	ng		100
18) Hexachloroethane	7.11	117	257505	37.011	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	429208	35.816	ng		99
20) 3+4-Methylphenols	7.02	107	864426	52.301	ng	#	70
22) Acetophenone	7.01	105	888093	42.542	ng		94
24) Nitrobenzene	7.18	77	674550	41.306	ng		97
25) Isophorone	7.42	82	1195259	39.361	ng		100
26) 2-Nitrophenol	7.50	139	340243	42.189	ng		97
27) 2,4-Dimethylphenol	7.55	122	543902	41.191	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	769085	40.071	ng		99
29) 2,4-Dichlorophenol	7.74	162	526715	38.653	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	622476	41.355	ng		99
31) Naphthalene	7.90	128	1886842	42.153	ng		100
32) Benzoic acid	7.64	122	49298m	5.230	ng		
33) 4-Chloroaniline	7.95	127	243367	11.897	ng		100
34) Hexachlorobutadiene	8.03	225	333054	40.377	ng		99
35) Caprolactam	8.32	113	163233	35.629	ng		99
36) 4-Chloro-3-methylphenol	8.44	107	537773	38.968	ng		97
37) 2-Methylnaphthalene	8.59	142	1294529	42.893	ng		99
38) 1-Methylnaphthalene	8.69	142	1220290	42.335	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	562478	44.815	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	335101	45.026 ng	98
43) 2,4,6-Trichlorophenol	8.87	196	376664	38.872 ng	98
44) 2,4,5-Trichlorophenol	8.91	196	405597	40.646 ng	98
46) 1,1'-Biphenyl	9.05	154	1498961	42.178 ng	99
47) 2-Chloronaphthalene	9.08	162	1216295	42.192 ng	99
48) 2-Nitroaniline	9.17	65	365987	43.547 ng	98
49) Acenaphthylene	9.49	152	1907845	42.477 ng	99
50) Dimethylphthalate	9.36	163	1451890	44.430 ng	100
51) 2,6-Dinitrotoluene	9.41	165	334020	44.275 ng	99
52) Acenaphthene	9.66	154	1141682	40.622 ng	100
53) 3-Nitroaniline	9.57	138	210593	22.874 ng	97
54) 2,4-Dinitrophenol	9.68	184	42530	17.294 ng	91
55) Dibenzofuran	9.83	168	1702544	42.206 ng	99
56) 4-Nitrophenol	9.74	139	526319	71.309 ng	96
57) 2,4-Dinitrotoluene	9.81	165	440594	45.230 ng	96
58) Fluorene	10.17	166	1184394	43.945 ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	327035	39.084 ng	99
60) Diethylphthalate	10.06	149	1372308	41.778 ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	576282	45.180 ng	98
62) 4-Nitroaniline	10.18	138	389652	42.189 ng	96
63) Azobenzene	10.32	77	1280338	41.731 ng	98
65) 4,6-Dinitro-2-methylphenol	10.21	198	62961	17.017 ng	76
66) n-Nitrosodiphenylamine	10.28	169	1169317	42.650 ng	99
67) 4-Bromophenyl-phenylether	10.65	248	407357	42.695 ng	92
68) Hexachlorobenzene	10.72	284	448526	43.310 ng	97
69) Atrazine	10.81	200	382516	43.372 ng	98
70) Pentachlorophenol	10.91	266	311666	47.239 ng	98
71) Phenanthrene	11.12	178	1949542	41.146 ng	100
72) Anthracene	11.17	178	2016395	42.160 ng	99
73) Carbazole	11.32	167	1855116	43.437 ng	99
74) Di-n-butylphthalate	11.68	149	2096944	42.490 ng	99
75) Fluoranthene	12.30	202	2071389	43.817 ng	98
77) Benzidine	12.42	184	856727	27.604 ng	98
78) Pyrene	12.52	202	2109208	39.267 ng	98
80) Butylbenzylphthalate	13.16	149	1009935	42.605 ng	94
81) Benzo(a)anthracene	13.71	228	2045703	40.790 ng	99
82) 3,3'-Dichlorobenzidine	13.67	252	396220	21.878 ng	98
83) Chrysene	13.74	228	1905528	41.479 ng	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1317144	42.406 ng	99
85) Di-n-octyl phthalate	14.33	149	2301256	44.096 ng	100
86) Indeno(1,2,3-cd)pyrene	16.34	276	2157910	39.696 ng	99
88) Benzo(b)fluoranthene	14.71	252	2167378	42.513 ng	99
89) Benzo(k)fluoranthene	14.73	252	1848773	40.438 ng	99
90) Benzo(a)pyrene	15.02	252	1982094	43.136 ng	98
91) Dibenzo(a,h)anthracene	16.36	278	1814649	42.302 ng	97
92) Benzo(g,h,i)perylene	16.72	276	1724669	39.723 ng	99

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

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