Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113585.D
Acq On : 4 Apr 2019 16:05
Operator : JU/SJ
Sample : K1560-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-MDL-WATER-03-QT1-2019

Quant Time: Apr 05 01:31:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	158047	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	596449	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	302777	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	609310	20.00	ng		-0.01
76) Chrysene-d12	13.82	240	522587	20.00	ng		-0.02
87) Perylene-d12	15.22	264	459848	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1134061	122.36	ng		0.00
7) Phenol-d6	6.33	99	1473317	128.97	ng		0.00
23) Nitrobenzene-d5	7.25	82	920970	90.45	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	468729	128.87	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	1687759	89.74	ng		-0.01
79) Terphenyl-d14	12.77	244	1900463	74.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	32449	7.392	ng		100
3) Pyridine	3.15	79	73631	6.409	ng		96
4) n-Nitrosodimethylamine	2.99	42	35472	7.267	ng		96
6) Aniline	6.35	93	119932	8.662	ng		95
8) 2-Chlorophenol	6.47	128	87811	8.189	ng		99
9) Benzaldehyde	6.23	77	64162	9.446	ng		97
10) Phenol	6.35	94	107852	8.267	ng		95
11) bis(2-Chloroethyl)ether	6.42	93	81050	7.986	ng		98
12) 1,3-Dichlorobenzene	6.62	146	94804	8.209	ng		96
13) 1,4-Dichlorobenzene	6.70	146	97206	8.330	ng		99
14) 1,2-Dichlorobenzene	6.85	146	89572	8.503	ng		98
15) Benzyl Alcohol	6.83	79	72940	9.443	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	133276	8.437	ng		95
17) 2-Methylphenol	6.95	107	69419	8.353	ng		99
18) Hexachloroethane	7.19	117	33927	7.987	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	62188	8.828	ng		98
20) 3+4-Methylphenols	7.11	107	91476	9.085	ng		93
22) Acetophenone	7.09	105	120156	9.172	ng	#	96
24) Nitrobenzene	7.26	77	94848	9.045	ng		94
25) Isophorone	7.50	82	169652	8.649	ng		99
26) 2-Nitrophenol	7.59	139	47155	8.355	ng		91
27) 2,4-Dimethylphenol	7.63	122	68356	8.472	ng		100
28) bis(2-Chloroethoxy)methane	7.72	93	108761	8.770	ng		100
29) 2,4-Dichlorophenol	7.84	162	73834	8.553	ng		100
30) 1,2,4-Trichlorobenzene	7.91	180	81192	8.661	ng		96
31) Naphthalene	7.98	128	264127	9.140	ng		98
32) Benzoic acid	7.74	122	29221	4.677	ng		97
33) 4-Chloroaniline	8.04	127	107350	9.368	ng		97
34) Hexachlorobutadiene	8.10	225	49095	8.590	ng		98
35) Caprolactam	8.39	113	24502	8.941	ng		96
36) 4-Chloro-3-methylphenol	8.53	107	76944	8.879	ng		97
37) 2-Methylnaphthalene	8.67	142	178184	9.375	ng		99
38) 1-Methylnaphthalene	8.77	142	171837	9.376	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	84792	8.659	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	5366	14.659	ng		90
43) 2,4,6-Trichlorophenol	8.96	196	50338	8.144	ng		97
44) 2,4,5-Trichlorophenol	9.01	196	53291	8.031	ng		99
46) 1,1'-Biphenyl	9.14	154	228243	9.135	ng		98
47) 2-Chloronaphthalene	9.16	162	167817	8.871	ng		98
48) 2-Nitroaniline	9.26	65	48430	8.367	ng		91
49) Acenaphthylene	9.57	152	288718	9.386	ng		99
50) Dimethylphthalate	9.43	163	195517	8.760	ng		100
51) 2,6-Dinitrotoluene	9.50	165	43093	8.759	ng		97
52) Acenaphthene	9.75	154	162705	9.240	ng		98
53) 3-Nitroaniline	9.67	138	48350	8.644	ng		89
54) 2,4-Dinitrophenol	9.80	184	10982	4.771	ng		85
55) Dibenzofuran	9.92	168	251385	9.732	ng		97
56) 4-Nitrophenol	9.86	139	19292	5.560	ng		96
57) 2,4-Dinitrotoluene	9.91	165	55304	9.295	ng		91
58) Fluorene	10.26	166	199280	9.755	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	48347	8.417	ng	#	98
60) Diethylphthalate	10.13	149	192479	8.945	ng		98
61) 4-Chlorophenyl-phenylether	10.25	204	94706	9.425	ng		92
62) 4-Nitroaniline	10.28	138	48582	8.541	ng		96
63) Azobenzene	10.41	77	181961	8.931	ng		99
65) 4,6-Dinitro-2-methylphenol	10.33	198	19460	6.067	ng		93
66) n-Nitrosodiphenylamine	10.37	169	169517	9.062	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	60759	8.891	ng		98
68) Hexachlorobenzene	10.81	284	69591	8.888	ng		97
69) Atrazine	10.89	200	53792	9.124	ng		95
70) Pentachlorophenol	11.02	266	21744	5.893	ng		95
71) Phenanthrene	11.22	178	286325	9.457	ng		97
72) Anthracene	11.26	178	295648	9.598	ng		98
73) Carbazole	11.42	167	275249	9.554	ng		98
74) Di-n-butylphthalate	11.75	149	308405	8.998	ng		99
75) Fluoranthene	12.40	202	316044	9.741	ng		99
77) Benzidine	12.52	184	146028	7.514	ng		99
78) Pyrene	12.62	202	323747	8.142	ng		99
80) Butylbenzylphthalate	13.24	149	122801	7.587	ng		97
81) Benzo(a)anthracene	13.81	228	266480	8.840	ng		98
82) 3,3'-Dichlorobenzidine	13.77	252	104667	9.014	ng		99
83) Chrysene	13.84	228	271384	8.881	ng		98
84) Bis(2-ethylhexyl)phthalate	13.80	149	162316	8.294	ng	#	98
85) Di-n-octyl phthalate	14.40	149	266330	8.372	ng		100
86) Indeno(1,2,3-cd)pyrene	16.57	276	207543	7.356	ng		98
88) Benzo(b)fluoranthene	14.82	252	255280	9.069	ng		99
89) Benzo(k)fluoranthene	14.85	252	214384	8.486	ng		99
90) Benzo(a)pyrene	15.16	252	215022	8.597	ng		98
91) Dibenzo(a,h)anthracene	16.57	278	174555	7.463	ng		99
92) Benzo(g,h,i)perylene	16.97	276	161880	6.780	ng		98

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

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