Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014849.D
Acq On : 26 Apr 2018 00:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Quant Time: Apr 26 02:05:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 01:59:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	348321	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1455038	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	763175	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1624704	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1676143	20.00	ng/ul	0.00
83) Perylene-d12	24.40	264	1752924	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	62830	7.88	ng/uL	0.00
5) Phenol-d5	7.62	99	578016	21.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	377756	21.88	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	476391	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	459241	21.39	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	214821	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	220043	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	433065	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	570105	27.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	1178066	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.81	160	1497029	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	224063	20.27	ng/ul	0.00
57) Fluorene-d10	16.09	176	1020100	19.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	159319	18.12	ng/ul	0.00
70) Anthracene-d10	17.92	188	1503881	19.86	ng/ul	0.00
76) Pyrene-d10	20.16	212	1600822	20.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.24	264	1704476	19.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	68562	8.168	ng/uL#	79
4) Benzaldehyde	7.62	77	364864	25.759	ng/ul	93
6) Phenol	7.65	94	574599	21.688	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.90	93	452661	21.367	ng/ul	89
10) 2-Chlorophenol	8.05	128	468948	21.139	ng/ul	96
11) 2-Methylphenol	8.93	108	418617	21.497	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.03	45	857502	21.895	ng/ul	96
14) Acetophenone	9.33	105	671125	21.328	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.31	70	350242	21.449	ng/ul#	80
16) 4-Methylphenol	9.26	108	448271	21.392	ng/ul	92
17) Hexachloroethane	9.60	117	187134	20.623	ng/ul#	65
20) Nitrobenzene	9.73	77	518586	20.636	ng/ul	92
21) Isophorone	10.25	82	884868	20.589	ng/ul#	93
23) 2-Nitrophenol	10.45	139	238137	20.924	ng/ul#	73
24) 2,4-Dimethylphenol	10.48	107	493599	20.529	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.73	93	581413	20.124	ng/ul	95
27) 2,4-Dichlorophenol	10.98	162	405430	19.949	ng/ul#	91
28) Naphthalene	11.40	128	1416148	19.973	ng/ul	99
30) 4-Chloroaniline	11.49	127	547730	26.857	ng/ul	92
31) Hexachlorobutadiene	11.67	225	243281	18.603	ng/ul	95
32) Caprolactam	12.25	113	122043	20.842	ng/ul#	65
33) 4-Chloro-3-methylphenol	12.57	107	432852	21.056	ng/ul	93
34) 2-Methylnaphthalene	12.97	142	974594	19.794	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.33	216	455741	19.049	ng/ul#	97
37) Hexachlorocyclopentadiene	13.30	237	288314	17.492	ng/ul	99
38) 2,4,6-Trichlorophenol	13.56	196	301267	20.388	ng/ul	97
39) 2,4,5-Trichlorophenol	13.62	196	324059	20.532	ng/ul	99
40) 1,1'-Biphenyl	13.95	154	1220870	19.893	ng/ul#	98
41) 2-Chloronaphthalene	14.00	162	953290	20.003	ng/ul	98
42) 2-Nitroaniline	14.19	65	278600	22.090	ng/ul	94
44) Dimethylphthalate	14.54	163	1145745	19.895	ng/ul	99
45) 2,6-Dinitrotoluene	14.67	165	222544	21.069	ng/ul#	92
47) Acenaphthylene	14.83	152	1451608	20.367	ng/ul	100
48) 3-Nitroaniline	15.00	138	241425	23.228	ng/ul	88
49) Acenaphthene	15.17	153	1006632	19.874	ng/ul	99
50) 2,4-Dinitrophenol	15.20	184	103613	17.667	ng/ul#	88
52) 4-Nitrophenol	15.28	109	167630	21.038	ng/ul#	80
53) Dibenzofuran	15.50	168	1391964	19.791	ng/ul	100
54) 2,4-Dinitrotoluene	15.44	165	324520	20.853	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.72	232	269887	20.153	ng/ul#	84
56) Diethylphthalate	15.89	149	1144996	19.751	ng/ul	93
58) Fluorene	16.14	166	1116719	19.663	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.12	204	540695	19.020	ng/ul	94
60) 4-Nitroaniline	16.14	138	252325	20.810	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.20	198	169077	18.508	ng/ul	95
64) N-Nitrosodiphenylamine	16.33	169	946060	20.079	ng/ul	99
65) 4-Bromophenyl-phenylether	17.01	248	334298	19.482	ng/ul	95
66) Hexachlorobenzene	17.13	284	389057	19.515	ng/ul#	90
67) Atrazine	17.26	200	321301	21.355	ng/ul	93
68) Pentachlorophenol	17.46	266	223085	19.675	ng/ul	99
69) Phenanthrene	17.86	178	1732228	19.853	ng/ul	99
71) Anthracene	17.95	178	1778866	20.089	ng/ul	99
72) Carbazole	18.21	167	1561610	20.672	ng/ul	99
73) Di-n-butylphthalate	18.73	149	1878409	20.449	ng/ul#	98
74) Fluoranthene	19.83	202	1943316	20.428	ng/ul#	81
77) Pyrene	20.19	202	1997602	20.398	ng/ul#	79
78) Butylbenzylphthalate	21.03	149	864171	21.629	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.81	252	669618	20.940	ng/ul#	95
80) Benzo(a)anthracene	21.90	228	1988745	20.290	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.78	149	1240002	21.144	ng/ul#	96
82) Chrysene	21.95	228	1824431	19.883	ng/ul	99
84) Di-n-octyl phthalate	22.73	149	2071144	20.543	ng/ul#	91
85) Benzo(b)fluoranthene	23.64	252	2027417	19.620	ng/ul#	96
86) Benzo(k)fluoranthene	23.69	252	1918847	19.311	ng/ul#	95
88) Benzo(a)pyrene	24.29	252	1911228	19.498	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.97	276	2357921	19.885	ng/ul#	88
90) Dibenzo(a,h)anthracene	26.98	278	1987943	19.911	ng/ul#	94
91) Benzo(g,h,i)perylene	27.77	276	1945202	19.940	ng/ul#	90

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

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