Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM121616\
Data File : BM008373.D
Acq On : 16 Dec 2016 09:16
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: Dec 16 10:44:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	130110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	498192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	324100	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	649804	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	798435	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	829181	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	22229	8.04	ng/uL	0.00
5) Phenol-d5	6.86	99	202734	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	115982	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	168426	22.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	161151	20.61	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	78378	21.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	90179	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	165335	22.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	191525	22.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	459676	21.34	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	560249	22.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	56860	17.91	ng/ul	0.00
57) Fluorene-d10	15.30	176	398332	21.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	64252	16.61	ng/ul	0.00
70) Anthracene-d10	17.16	188	616745	21.79	ng/ul	0.00
76) Pyrene-d10	19.46	212	703291	22.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	768434	22.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	25859	8.00	ng/uL#	93
4) Benzaldehyde	6.83	77	144961	21.70	ng/ul	95
6) Phenol	6.88	94	213334	20.36	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.10	93	159238	20.35	ng/ul	95
10) 2-Chlorophenol	7.23	128	166249	21.67	ng/ul	99
11) 2-Methylphenol	8.12	108	158080	20.61	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.20	45	179995	20.23	ng/ul	99
14) Acetophenone	8.49	105	256011	20.03	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	133189	20.28	ng/ul	98
16) 4-Methylphenol	8.45	108	168850	20.30	ng/ul	99
17) Hexachloroethane	8.72	117	72827	20.82	ng/ul	91
20) Nitrobenzene	8.87	77	194020	20.90	ng/ul	96
21) Isophorone	9.39	82	351889	21.09	ng/ul	100
23) 2-Nitrophenol	9.57	139	91591	22.45	ng/ul	92
24) 2,4-Dimethylphenol	9.63	107	197098	21.62	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	201693	21.28	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	164848	22.37	ng/ul	94
28) Naphthalene	10.49	128	509304	21.60	ng/ul	98
30) 4-Chloroaniline	10.62	127	189314	22.41	ng/ul	99
31) Hexachlorobutadiene	10.76	225	129975	21.71	ng/ul	99
32) Caprolactam	11.42	113	44002	19.03	ng/ul	91
33) 4-Chloro-3-methylphenol	11.76	107	170745	21.41	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	364681	21.40	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	223212	22.00	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	50586	12.34	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	131729	22.87	ng/ul	95
39) 2,4,5-Trichlorophenol	12.82	196	138923	22.11	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	473899	21.92	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	366119	22.09	ng/ul	99
42) 2-Nitroaniline	13.40	65	107589	21.94	ng/ul	95
44) Dimethylphthalate	13.77	163	455319	21.56	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	93949	22.84	ng/ul	98
47) Acenaphthylene	14.03	152	567743	21.91	ng/ul	97
48) 3-Nitroaniline	14.25	138	92778	22.64	ng/ul	99
49) Acenaphthene	14.37	153	382474	21.48	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	52469	21.99	ng/ul	96
52) 4-Nitrophenol	14.57	109	53650	17.62	ng/ul	96
53) Dibenzofuran	14.71	168	558538	21.52	ng/ul	100
54) 2,4-Dinitrotoluene	14.71	165	134924	21.90	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.94	232	127544	21.98	ng/ul	97
56) Diethylphthalate	15.14	149	443490	21.11	ng/ul	99
58) Fluorene	15.36	166	451241	21.17	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	239613	21.14	ng/ul	97
60) 4-Nitroaniline	15.42	138	84237	21.36	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.48	198	66522	16.78	ng/ul#	95
64) N-Nitrosodiphenylamine	15.57	169	382847	21.65	ng/ul	97
65) 4-Bromophenyl-phenylether	16.25	248	156712	21.97	ng/ul	98
66) Hexachlorobenzene	16.37	284	174300	21.56	ng/ul	97
67) Atrazine	16.53	200	151737	20.93	ng/ul	100
68) Pentachlorophenol	16.73	266	89247	20.41	ng/ul	99
69) Phenanthrene	17.10	178	713252	21.42	ng/ul	99
71) Anthracene	17.19	178	735123	21.75	ng/ul	99
72) Carbazole	17.47	167	635906	21.36	ng/ul	99
73) Di-n-butylphthalate	18.03	149	749031	22.50	ng/ul	99
74) Fluoranthene	19.13	202	853243	20.86	ng/ul	99
77) Pyrene	19.49	202	883135	22.53	ng/ul	99
78) Butylbenzylphthalate	20.39	149	348654	24.80	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.18	252	337853	24.14	ng/ul	99
80) Benzo(a)anthracene	21.24	228	911997	22.10	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.16	149	510515	24.79	ng/ul	99
82) Chrysene	21.30	228	868213	21.88	ng/ul	100
84) Di-n-octyl phthalate	22.03	149	901007	22.65	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	951267	21.25	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	938206	21.91	ng/ul	99
88) Benzo(a)pyrene	23.39	252	946698	21.95	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.72	276	1163716	22.22	ng/ul	100
90) Dibenzo(a,h)anthracene	25.73	278	975383	22.18	ng/ul	100
91) Benzo(g,h,i)perylene	26.41	276	964592	22.02	ng/ul	99

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

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