Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
Data File : BM008278.D
Acq On : 13 Dec 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02041

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12/14/2016 6:14:24 PM

Quant Time: Dec 14 02:14:13 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 18:45:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	105440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	408330	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	270802	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	536423	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	703413	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	707310	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	20041	8.95	ng/uL	0.00
5) Phenol-d5	6.86	99	165402	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	100709	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	131219	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	132309	20.98	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	64829	21.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	71731	21.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	131840	21.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	155606	22.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	389293	21.88	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	468575	22.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	53452	19.97	ng/ul	0.00
57) Fluorene-d10	15.31	176	335955	21.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	63643	20.31	ng/ul	0.00
70) Anthracene-d10	17.17	188	514264	21.93	ng/ul	0.00
78) Pyrene-d10	19.47	212	598853	21.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	651315	21.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	23499	8.63	ng/uL	94
4) Benzaldehyde	6.84	77	125485	23.19	ng/ul	96
6) Phenol	6.89	94	173057	20.62	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.11	93	133773	20.99	ng/ul	94
10) 2-Chlorophenol	7.25	128	133309	21.51	ng/ul#	90
11) 2-Methylphenol	8.12	108	128794	20.91	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.21	45	155589	21.63	ng/ul	97
14) Acetophenone	8.50	105	213268	20.85	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.48	70	112832	21.51	ng/ul	95
16) 4-Methylphenol	8.45	108	139458	20.94	ng/ul	100
17) Hexachloroethane	8.73	117	59769	21.11	ng/ul	85
20) Nitrobenzene	8.87	77	162788	21.12	ng/ul	90
21) Isophorone	9.39	82	295478	21.62	ng/ul	96
23) 2-Nitrophenol	9.58	139	73711	21.73	ng/ul#	86
24) 2,4-Dimethylphenol	9.64	107	163168	21.67	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.87	93	168015	21.18	ng/ul	96
27) 2,4-Dichlorophenol	10.12	162	130862	21.62	ng/ul	98
28) Naphthalene	10.50	128	420512	21.68	ng/ul	100
30) 4-Chloroaniline	10.63	127	157115	22.67	ng/ul	100
31) Hexachlorobutadiene	10.77	225	106784	21.74	ng/ul	99
32) Caprolactam	11.43	113	39282m	21.11	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	139091	21.31	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	301888	21.66	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	185608	21.87	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	58164	17.81	ng/ul	97
38) 2,4,6-Trichlorophenol	12.75	196	104211	21.24	ng/ul	100
39) 2,4,5-Trichlorophenol	12.83	196	114240	21.91	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	393171	21.90	ng/ul	97
41) 2-Chloronaphthalene	13.18	162	302885	21.87	ng/ul	98
42) 2-Nitroaniline	13.42	65	88355	21.31	ng/ul#	77
44) Dimethylphthalate	13.78	163	383813	22.03	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	75997	22.23	ng/ul	89
47) Acenaphthylene	14.03	152	473550	21.93	ng/ul	99
48) 3-Nitroaniline	14.25	138	72174	21.52	ng/ul	82
49) Acenaphthene	14.38	153	321592	21.66	ng/ul	98
50) 2,4-Dinitrophenol	14.49	184	37015	19.01	ng/ul	97
52) 4-Nitrophenol	14.57	109	49148	18.41	ng/ul#	85
53) Dibenzofuran	14.72	168	468597	21.83	ng/ul	96
54) 2,4-Dinitrotoluene	14.72	165	110327	21.82	ng/ul#	53
55) 2,3,4,6-Tetrachlorophenol	14.96	232	106105	21.74	ng/ul#	86
56) Diethylphthalate	15.14	149	376417	21.56	ng/ul	99
58) Fluorene	15.37	166	382569	21.78	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	205053	21.79	ng/ul	89
60) 4-Nitroaniline	15.42	138	64590	21.12	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.49	198	66332	20.54	ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	327915	22.25	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	129854	21.71	ng/ul#	90
66) Hexachlorobenzene	16.37	284	147309	22.06	ng/ul#	91
67) Atrazine	16.54	200	127449	21.30	ng/ul	95
68) Pentachlorophenol	16.73	266	72263	19.77	ng/ul	97
69) Phenanthrene	17.11	178	602534	21.78	ng/ul	99
71) Anthracene	17.20	178	616097	22.05	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	175242	21.82	ng/uL	97
73) Pentachlorobenzene	14.64	250	179544	22.13	ng/uL	98
74) Carbazole	17.49	167	530244	21.67	ng/ul	99
75) Di-n-butylphthalate	18.03	149	613431	21.85	ng/ul	99
76) Fluoranthene	19.13	202	725855	21.64	ng/ul	95
79) Pyrene	19.50	202	766755	21.90	ng/ul#	94
80) Butylbenzylphthalate	20.40	149	283114	21.89	ng/ul#	92
81) 3,3'-Dichlorobenzidine	21.19	252	268831	22.37	ng/ul#	99
82) Benzo(a)anthracene	21.25	228	795745	21.78	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	412593	21.76	ng/ul#	97
84) Chrysene	21.30	228	769440	21.91	ng/ul	98
86) Di-n-octyl phthalate	22.04	149	725106	20.99	ng/ul	99
87) Benzo(b)fluoranthene	22.83	252	811922	21.48	ng/ul#	97
88) Benzo(k)fluoranthene	22.87	252	821697	22.41	ng/ul#	95
90) Benzo(a)pyrene	23.40	252	813596	22.23	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.73	276	989303	22.05	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.74	278	828831	21.95	ng/ul#	94
93) Benzo(g,h,i)perylene	26.41	276	815770	21.82	ng/ul#	91

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

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