Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013018\
Data File : BM014015.D
Acq On : 31 Jan 2018 01:46
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
Sohil
1/31/2018 8:36:23 PM

Quant Time: Jan 31 06:57:29 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	98890	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	398930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	244303	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	579045	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	653695	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	649476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	16198	6.47	ng/uL	0.00
5) Phenol-d5	6.75	99	137777	18.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	90060	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	125028	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	109331	18.73	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	58550	18.91	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	65706	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	123652	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	133446	24.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	412567	20.49	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	520806	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	49741	15.20	ng/ul	0.00
57) Fluorene-d10	15.22	176	366902	20.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	58115	16.67	ng/ul	0.00
70) Anthracene-d10	17.07	188	581115	20.60	ng/ul	0.00
76) Pyrene-d10	19.37	212	640724	21.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	629796	21.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	19093m	6.966	ng/uL	
4) Benzaldehyde	6.73	77	107577	20.476	ng/ul	94
6) Phenol	6.78	94	141180	18.541	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.00	93	112214	18.833	ng/ul	97
10) 2-Chlorophenol	7.13	128	120771	19.589	ng/ul	92
11) 2-Methylphenol	8.02	108	109044	19.427	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.10	45	109569	18.073	ng/ul#	62
14) Acetophenone	8.39	105	187566	19.421	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	96421	20.464	ng/ul#	77
16) 4-Methylphenol	8.35	108	115210	19.196	ng/ul	96
17) Hexachloroethane	8.62	117	62652	20.877	ng/ul	82
20) Nitrobenzene	8.76	77	161392	20.183	ng/ul	98
21) Isophorone	9.28	82	252697	19.558	ng/ul	95
23) 2-Nitrophenol	9.47	139	66978	19.648	ng/ul	92
24) 2,4-Dimethylphenol	9.53	107	146348	20.363	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.77	93	148858	18.899	ng/ul	94
27) 2,4-Dichlorophenol	10.00	162	117141	19.236	ng/ul	91
28) Naphthalene	10.39	128	394699	19.887	ng/ul	99
30) 4-Chloroaniline	10.52	127	129825	23.882	ng/ul	98
31) Hexachlorobutadiene	10.66	225	116059	23.218	ng/ul	93
32) Caprolactam	11.29	113	32181m	18.996	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	119601	19.374	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	302961	20.475	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	191084	21.109	ng/ul#	97
37) Hexachlorocyclopentadiene	12.36	237	57124	15.200	ng/ul	94
38) 2,4,6-Trichlorophenol	12.65	196	110477	21.084	ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	109524	20.088	ng/ul	97
40) 1,1'-Biphenyl	13.04	154	392760	19.314	ng/ul	98
41) 2-Chloronaphthalene	13.08	162	329514	20.729	ng/ul	99
42) 2-Nitroaniline	13.31	65	89409	20.389	ng/ul	92
44) Dimethylphthalate	13.69	163	393998	19.902	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	79674	20.768	ng/ul	97
47) Acenaphthylene	13.94	152	467212	19.887	ng/ul	97
48) 3-Nitroaniline	14.15	138	61349	20.334	ng/ul	98
49) Acenaphthene	14.28	153	322271	19.807	ng/ul	92
50) 2,4-Dinitrophenol	14.38	184	25594	11.638	ng/ul#	80
52) 4-Nitrophenol	14.47	109	62742	18.875	ng/ul#	67
53) Dibenzofuran	14.62	168	497938	20.343	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	116622	20.854	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.86	232	107677	20.996	ng/ul	96
56) Diethylphthalate	15.06	149	414303	20.795	ng/ul	95
58) Fluorene	15.27	166	416552	20.776	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	229723	21.204	ng/ul	97
60) 4-Nitroaniline	15.32	138	65664	18.601	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.38	198	61412	16.693	ng/ul	97
64) N-Nitrosodiphenylamine	15.49	169	350900	20.604	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	143797	21.026	ng/ul	96
66) Hexachlorobenzene	16.27	284	149407	20.295	ng/ul#	91
67) Atrazine	16.45	200	134888	19.845	ng/ul	91
68) Pentachlorophenol	16.63	266	63545	16.244	ng/ul	97
69) Phenanthrene	17.02	178	652754	20.280	ng/ul	98
71) Anthracene	17.11	178	679731	20.474	ng/ul	99
72) Carbazole	17.39	167	534568	19.507	ng/ul	99
73) Di-n-butylphthalate	17.95	149	672259	20.858	ng/ul	98
74) Fluoranthene	19.04	202	782137	20.357	ng/ul	98
77) Pyrene	19.41	202	835733	21.030	ng/ul	99
78) Butylbenzylphthalate	20.32	149	305628	21.833	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.10	252	253872	23.476	ng/ul#	96
80) Benzo(a)anthracene	21.16	228	831170	21.043	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	446873	21.277	ng/ul#	96
82) Chrysene	21.22	228	745349	20.569	ng/ul	99
84) Di-n-octyl phthalate	21.96	149	750072	19.164	ng/ul	97
85) Benzo(b)fluoranthene	22.71	252	859545	21.550	ng/ul#	97
86) Benzo(k)fluoranthene	22.75	252	785062	20.363	ng/ul#	98
88) Benzo(a)pyrene	23.27	252	793521	21.060	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.53	276	914173	20.553	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.54	278	770754	20.521	ng/ul	99
91) Benzo(g,h,i)perylene	26.20	276	743323	20.306	ng/ul	100

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

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