Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014436.D
Acq On : 01 Mar 2018 12:20
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02026

Manual Integrations APPROVED
Sohil
3/1/2018 5:16:14 PM

Quant Time: Mar 01 16:20:45 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	159770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	726438	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	438026	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	1004585	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	849350	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	689104	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	22050	5.91	ng/uL	0.00
5) Phenol-d5	6.72	99	267722	19.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	160651	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	212657	20.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	228532	19.34	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	112058	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	114818	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	230519m	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	282626	24.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	694019	19.19	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	908677	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	92195	18.46	ng/ul	0.01
57) Fluorene-d10	15.18	176	597934	18.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	67485	11.20	ng/ul	0.00
70) Anthracene-d10	17.04	188	956244	19.73	ng/ul	0.00
76) Pyrene-d10	19.34	212	973528	22.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	639566	19.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	23252	5.607	ng/uL#	63
4) Benzaldehyde	6.68	77	115572	20.992	ng/ul	93
6) Phenol	6.75	94	274059	19.341	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.96	93	200061	19.459	ng/ul	99
10) 2-Chlorophenol	7.09	128	221626	20.964	ng/ul	97
11) 2-Methylphenol	7.97	108	214244	19.768	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.05	45	213746	20.601	ng/ul#	79
14) Acetophenone	8.34	105	362851	17.800	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.32	70	192293	18.824	ng/ul#	72
16) 4-Methylphenol	8.31	108	232247	19.664	ng/ul	94
17) Hexachloroethane	8.56	117	93567	16.990	ng/ul#	73
20) Nitrobenzene	8.72	77	296451	18.672	ng/ul	99
21) Isophorone	9.23	82	529664	19.504	ng/ul	98
23) 2-Nitrophenol	9.42	139	128223	21.307	ng/ul#	90
24) 2,4-Dimethylphenol	9.49	107	280007	18.978	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.72	93	285834	19.982	ng/ul	95
27) 2,4-Dichlorophenol	9.95	162	215929	19.775	ng/ul#	85
28) Naphthalene	10.33	128	736348	19.736	ng/ul	99
30) 4-Chloroaniline	10.47	127	280351	24.245	ng/ul	96
31) Hexachlorobutadiene	10.60	225	155074	17.900	ng/ul	99
32) Caprolactam	11.26	113	72520m	20.736	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	254935	19.322	ng/ul	98
34) 2-Methylnaphthalene	11.96	142	536110	18.879	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.34	216	286329	20.364	ng/ul#	94
37) Hexachlorocyclopentadiene	12.30	237	57118	7.465	ng/ul	98
38) 2,4,6-Trichlorophenol	12.60	196	190178	21.679	ng/ul	96
39) 2,4,5-Trichlorophenol	12.68	196	194152	21.657	ng/ul	95
40) 1,1'-Biphenyl	12.99	154	705956	20.922	ng/ul	98
41) 2-Chloronaphthalene	13.03	162	564737	20.952	ng/ul	94
42) 2-Nitroaniline	13.27	65	195116	21.394	ng/ul	88
44) Dimethylphthalate	13.65	163	689727	19.336	ng/ul	98
45) 2,6-Dinitrotoluene	13.78	165	142090	20.967	ng/ul	90
47) Acenaphthylene	13.89	152	868911	20.610	ng/ul	100
48) 3-Nitroaniline	14.12	138	140432	24.449	ng/ul	95
49) Acenaphthene	14.24	153	582731	19.629	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	44777	12.285	ng/ul#	64
52) 4-Nitrophenol	14.46	109	113973	17.406	ng/ul#	72
53) Dibenzofuran	14.58	168	836497	18.792	ng/ul	93
54) 2,4-Dinitrotoluene	14.59	165	215825	19.877	ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	14.82	232	167962	18.527	ng/ul#	81
56) Diethylphthalate	15.02	149	726759	18.284	ng/ul	93
58) Fluorene	15.23	166	700346	18.225	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.23	204	353961	17.610	ng/ul	90
60) 4-Nitroaniline	15.29	138	146827	22.794	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.36	198	67524	11.009	ng/ul#	89
64) N-Nitrosodiphenylamine	15.46	169	578228	20.030	ng/ul	99
65) 4-Bromophenyl-phenylether	16.13	248	213637	19.058	ng/ul#	87
66) Hexachlorobenzene	16.24	284	225399	19.121	ng/ul#	75
67) Atrazine	16.42	200	218523	19.167	ng/ul	90
68) Pentachlorophenol	16.60	266	106868	17.300	ng/ul	94
69) Phenanthrene	16.98	178	1090709	18.844	ng/ul	99
71) Anthracene	17.07	178	1115389	19.162	ng/ul	99
72) Carbazole	17.36	167	960694	19.628	ng/ul	98
73) Di-n-butylphthalate	17.92	149	1219420	19.311	ng/ul	99
74) Fluoranthene	19.01	202	1244018	17.990	ng/ul#	92
77) Pyrene	19.37	202	1246146	22.077	ng/ul#	91
78) Butylbenzylphthalate	20.29	149	547098	23.442	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.07	252	255415	17.105	ng/ul#	91
80) Benzo(a)anthracene	21.14	228	1057508	19.950	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.07	149	759174	22.713	ng/ul#	96
82) Chrysene	21.19	228	964156	19.498	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	1240388	20.976	ng/ul#	91
85) Benzo(b)fluoranthene	22.68	252	863676	18.718	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	775891	17.686	ng/ul#	98
88) Benzo(a)pyrene	23.23	252	779228	18.899	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.50	276	874337	21.853	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	735215	22.115	ng/ul#	97
91) Benzo(g,h,i)perylene	26.16	276	707516	21.829	ng/ul	98

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

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