Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014295.D
Acq On : 17 Feb 2018 06:42
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Feb 19 00:35:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 06:25:12 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02044

Manual Integrations APPROVED
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2/19/2018 4:16:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	65842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	336677	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	266014	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	725392	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	923903	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	843404	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	12962	8.43	ng/uL	0.00
5) Phenol-d5	6.72	99	104591	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	64685	19.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	84428	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	96562	19.83	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	45741	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	50488	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	102643	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	115001	21.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	408644	18.60	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	517859	19.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	53478	17.63	ng/ul	0.00
57) Fluorene-d10	15.19	176	398372	20.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	79880	18.36	ng/ul	0.00
70) Anthracene-d10	17.05	188	697647	19.93	ng/ul	0.00
76) Pyrene-d10	19.35	212	843809	17.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	788379	19.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	14113	8.258	ng/uL#	66
4) Benzaldehyde	6.69	77	53362	23.520	ng/ul	89
6) Phenol	6.75	94	108233	18.535	ng/ul#	90
8) Bis(2-Chloroethyl)ether	6.98	93	80621	19.028	ng/ul	98
10) 2-Chlorophenol	7.10	128	83999	19.280	ng/ul	94
11) 2-Methylphenol	7.98	108	84127	18.835	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.05	45	83165	19.450	ng/ul#	68
14) Acetophenone	8.36	105	165691	19.724	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.34	70	89019	21.146	ng/ul#	82
16) 4-Methylphenol	8.31	108	93092	19.127	ng/ul	93
17) Hexachloroethane	8.58	117	47493	20.926	ng/ul#	66
20) Nitrobenzene	8.73	77	138926	18.880	ng/ul	95
21) Isophorone	9.25	82	243747	19.366	ng/ul	99
23) 2-Nitrophenol	9.43	139	50513	18.111	ng/ul#	84
24) 2,4-Dimethylphenol	9.50	107	131674	19.256	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.73	93	130332	19.659	ng/ul	93
27) 2,4-Dichlorophenol	9.96	162	96385	19.046	ng/ul#	86
28) Naphthalene	10.35	128	335279	19.389	ng/ul	98
30) 4-Chloroaniline	10.48	127	113766	21.229	ng/ul	96
31) Hexachlorobutadiene	10.62	225	84036	20.930	ng/ul	97
32) Caprolactam	11.27	113	29760m	18.360	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	123159	20.141	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	265891	20.202	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	156589	18.338	ng/ul#	94
37) Hexachlorocyclopentadiene	12.32	237	71851	15.462	ng/ul	99
38) 2,4,6-Trichlorophenol	12.61	196	98003	18.396	ng/ul	92
39) 2,4,5-Trichlorophenol	12.69	196	109869	20.180	ng/ul	93
40) 1,1'-Biphenyl	13.01	154	374513	18.276	ng/ul	98
41) 2-Chloronaphthalene	13.05	162	310239	18.953	ng/ul	96
42) 2-Nitroaniline	13.28	65	105153	18.985	ng/ul	97
44) Dimethylphthalate	13.66	163	416271	19.216	ng/ul	98
45) 2,6-Dinitrotoluene	13.79	165	79078	19.214	ng/ul#	63
47) Acenaphthylene	13.90	152	496368	19.387	ng/ul	99
48) 3-Nitroaniline	14.13	138	66245	18.991	ng/ul#	83
49) Acenaphthene	14.25	153	349827	19.404	ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	33320	15.053	ng/ul#	71
52) 4-Nitrophenol	14.45	109	78818	19.821	ng/ul#	59
53) Dibenzofuran	14.59	168	533205	19.724	ng/ul	92
54) 2,4-Dinitrotoluene	14.59	165	138804	21.050	ng/ul#	42
55) 2,3,4,6-Tetrachlorophenol	14.83	232	109463	19.882	ng/ul#	78
56) Diethylphthalate	15.03	149	486352	20.148	ng/ul	94
58) Fluorene	15.25	166	459638	19.695	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.24	204	244044	19.992	ng/ul#	88
60) 4-Nitroaniline	15.30	138	79119	20.225	ng/ul#	59
63) 4,6-Dinitro-2-methylphenol	15.36	198	78539	17.733	ng/ul#	82
64) N-Nitrosodiphenylamine	15.46	169	396939	19.042	ng/ul	98
65) 4-Bromophenyl-phenylether	16.14	248	153325	18.942	ng/ul#	87
66) Hexachlorobenzene	16.25	284	167616	19.692	ng/ul#	81
67) Atrazine	16.43	200	157829	19.171	ng/ul	94
68) Pentachlorophenol	16.60	266	78585	17.618	ng/ul#	90
69) Phenanthrene	16.99	178	817087	19.550	ng/ul	98
71) Anthracene	17.08	178	835728	19.883	ng/ul	99
72) Carbazole	17.36	167	681636	19.286	ng/ul	98
73) Di-n-butylphthalate	17.92	149	928354	20.360	ng/ul	98
74) Fluoranthene	19.02	202	1024188	20.511	ng/ul#	94
77) Pyrene	19.38	202	1084496	17.663	ng/ul#	92
78) Butylbenzylphthalate	20.30	149	465063	18.319	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.08	252	259147	15.954	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	1125031	19.511	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	691018	19.005	ng/ul#	93
82) Chrysene	21.19	228	1070269	19.897	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	1175679	16.245	ng/ul#	95
85) Benzo(b)fluoranthene	22.68	252	1068827	18.926	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	1056491	19.677	ng/ul#	98
88) Benzo(a)pyrene	23.23	252	986140	19.541	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.48	276	1005760	20.539	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.49	278	828924	20.372	ng/ul#	97
91) Benzo(g,h,i)perylene	26.14	276	802012	20.217	ng/ul#	97

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

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