Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014029.D
Acq On : 31 Jan 2018 12:05
Operator : SJ/JU
Sample : SSTD01014
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 15:54:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 13:46:12 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD01014

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	84045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	365416	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	259575	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	621135	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	699031	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	642856	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	8632	4.06	ng/uL	0.00
5) Phenol-d5	6.75	99	60435	9.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	37741	9.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	48872	9.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	49605	10.00	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	26075	9.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	27256	9.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	59815	10.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	44557	8.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	215295	10.06	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	252836	9.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	20612m	5.93	ng/ul	0.00
57) Fluorene-d10	15.22	176	181682	9.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	29613	7.92	ng/ul	0.00
70) Anthracene-d10	17.07	188	298917	9.88	ng/ul	0.00
76) Pyrene-d10	19.38	212	335543	10.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	315270	10.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	8404	3.608	ng/uL#	59
4) Benzaldehyde	6.73	77	30138m	6.750	ng/ul	
6) Phenol	6.78	94	59782	9.238	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.00	93	47804	9.440	ng/ul	97
10) 2-Chlorophenol	7.13	128	49759	9.496	ng/ul	93
11) 2-Methylphenol	8.02	108	44495	9.327	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.10	45	50112	9.726	ng/ul#	59
14) Acetophenone	8.39	105	89263	10.875	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.37	70	45282	11.308	ng/ul#	78
16) 4-Methylphenol	8.35	108	47406	9.294	ng/ul	100
17) Hexachloroethane	8.62	117	27237	10.679	ng/ul#	66
20) Nitrobenzene	8.76	77	76019	10.378	ng/ul	95
21) Isophorone	9.28	82	128029	10.818	ng/ul	96
23) 2-Nitrophenol	9.47	139	28351	9.080	ng/ul	93
24) 2,4-Dimethylphenol	9.53	107	65150	9.897	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.77	93	69695	9.660	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	53337	9.562	ng/ul#	86
28) Naphthalene	10.38	128	181586	9.989	ng/ul	97
30) 4-Chloroaniline	10.52	127	44838m	9.005	ng/ul	
31) Hexachlorobutadiene	10.66	225	50934	11.124	ng/ul	94
32) Caprolactam	11.30	113	15426m	9.941	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	60081	10.625	ng/ul	98
34) 2-Methylnaphthalene	12.01	142	133814	9.873	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	89810	9.338	ng/ul#	98
37) Hexachlorocyclopentadiene	12.35	237	35262	8.831	ng/ul#	94
38) 2,4,6-Trichlorophenol	12.65	196	50647	9.097	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	51549	8.898	ng/ul	96
40) 1,1'-Biphenyl	13.04	154	191686	8.872	ng/ul	96
41) 2-Chloronaphthalene	13.08	162	158250	9.369	ng/ul	97
42) 2-Nitroaniline	13.32	65	45270m	9.716	ng/ul	
44) Dimethylphthalate	13.69	163	210252	9.996	ng/ul	97
45) 2,6-Dinitrotoluene	13.82	165	39429	9.673	ng/ul#	78
47) Acenaphthylene	13.93	152	234650	9.401	ng/ul	99
48) 3-Nitroaniline	14.16	138	25183m	7.856	ng/ul	
49) Acenaphthene	14.28	153	168195	9.729	ng/ul	100
50) 2,4-Dinitrophenol	14.39	184	14595m	6.246	ng/ul	
52) 4-Nitrophenol	14.48	109	25415	7.196	ng/ul#	65
53) Dibenzofuran	14.62	168	250153	9.619	ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	58974	9.925	ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	14.86	232	54969	10.088	ng/ul	94
56) Diethylphthalate	15.06	149	209802	9.911	ng/ul	96
58) Fluorene	15.27	166	214428	10.065	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.27	204	123772	10.752	ng/ul	97
60) 4-Nitroaniline	15.33	138	26016	6.936	ng/ul#	61
63) 4,6-Dinitro-2-methylphenol	15.38	198	30744	7.790	ng/ul#	98
64) N-Nitrosodiphenylamine	15.49	169	176293	9.650	ng/ul	95
65) 4-Bromophenyl-phenylether	16.17	248	79528	10.840	ng/ul	89
66) Hexachlorobenzene	16.27	284	82477	10.444	ng/ul#	92
67) Atrazine	16.45	200	67871	9.309	ng/ul	99
68) Pentachlorophenol	16.64	266	35344	8.423	ng/ul	92
69) Phenanthrene	17.02	178	352926	10.222	ng/ul	98
71) Anthracene	17.11	178	351394	9.867	ng/ul	99
72) Carbazole	17.39	167	266334	9.060	ng/ul	97
73) Di-n-butylphthalate	17.95	149	354078	10.241	ng/ul	99
74) Fluoranthene	19.04	202	413345	10.029	ng/ul#	96
77) Pyrene	19.41	202	407046	9.578	ng/ul#	97
78) Butylbenzylphthalate	20.32	149	160785	10.741	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.11	252	71411	6.175	ng/ul#	96
80) Benzo(a)anthracene	21.16	228	427236	10.115	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.10	149	229302	10.210	ng/ul#	96
82) Chrysene	21.22	228	411817	10.628	ng/ul	98
84) Di-n-octyl phthalate	21.96	149	377590	9.746	ng/ul#	95
85) Benzo(b)fluoranthene	22.71	252	401825	10.178	ng/ul	99
86) Benzo(k)fluoranthene	22.76	252	398286	10.437	ng/ul	99
88) Benzo(a)pyrene	23.27	252	380349	10.198	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.54	276	399618	9.077	ng/ul	98
90) Dibenzo(a,h)anthracene	25.55	278	343180	9.231	ng/ul#	98
91) Benzo(g,h,i)perylene	26.20	276	329277	9.088	ng/ul	97

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

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