Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002692.D
Acq On : 14 Sep 2018 17:05
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02050

Quant Time: Sep 14 22:55:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 14 15:14:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	123656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	503129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	275639	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	586393	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	598835	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	613485	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	20971	7.82	ng/uL	0.00
5) Phenol-d5	6.84	99	198085	18.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	125222	19.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	165945	19.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	151754	18.66	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	75520	19.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	86402	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	156498	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	185867	20.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	422003	19.56	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	552569	19.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	67838	19.02	ng/ul	0.00
57) Fluorene-d10	15.29	176	372273	19.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	69109	18.84	ng/ul	0.00
70) Anthracene-d10	17.13	188	545493	19.48	ng/ul	0.00
78) Pyrene-d10	19.44	212	586233	18.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	631628	19.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	23706	7.911	ng/uL	96
4) Benzaldehyde	6.80	77	128567	22.395	ng/ul	96
6) Phenol	6.86	94	199553	18.846	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	155145	19.050	ng/ul	99
10) 2-Chlorophenol	7.22	128	164037	19.124	ng/ul	99
11) 2-Methylphenol	8.10	108	148661	18.696	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	245396	19.237	ng/ul	99
14) Acetophenone	8.46	105	240347	19.182	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	120326	19.109	ng/ul	98
16) 4-Methylphenol	8.42	108	158621	18.808	ng/ul	94
17) Hexachloroethane	8.71	117	66016	19.145	ng/ul	97
20) Nitrobenzene	8.84	77	181840	20.073	ng/ul	99
21) Isophorone	9.36	82	325449	19.473	ng/ul	100
23) 2-Nitrophenol	9.55	139	89311	19.557	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	177579	19.721	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.85	93	203776	19.378	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	149056	19.290	ng/ul	93
28) Naphthalene	10.47	128	506951	19.550	ng/ul	99
30) 4-Chloroaniline	10.59	127	184701	20.028	ng/ul	99
31) Hexachlorobutadiene	10.75	225	96601	19.572	ng/ul	98
32) Caprolactam	11.35	113	44775	18.865	ng/ul	97
33) 4-Chloro-3-methylphenol	11.73	107	154466	19.604	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	355013	19.587	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	176769	19.305	ng/ul	98
37) Hexachlorocyclopentadiene	12.44	237	67332	16.432	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	111645	19.112	ng/ul	97
39) 2,4,5-Trichlorophenol	12.79	196	114065	18.644	ng/ul	96
40) 1,1'-Biphenyl	13.11	154	438837	19.330	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	347271	19.496	ng/ul	99
42) 2-Nitroaniline	13.37	65	96918	19.596	ng/ul	99
44) Dimethylphthalate	13.75	163	412352	19.582	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	82822	19.522	ng/ul	99
47) Acenaphthylene	14.00	152	516552	19.516	ng/ul	99
48) 3-Nitroaniline	14.20	138	81868	19.791	ng/ul	98
49) Acenaphthene	14.35	153	365481	19.494	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	37183	16.577	ng/ul	95
52) 4-Nitrophenol	14.53	109	47185	19.008	ng/ul	93
53) Dibenzofuran	14.69	168	502224	19.481	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	122231	20.366	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.92	232	97292	20.089	ng/ul	98
56) Diethylphthalate	15.12	149	408196	19.786	ng/ul	99
58) Fluorene	15.34	166	406565	19.689	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	204855	19.839	ng/ul	96
60) 4-Nitroaniline	15.37	138	91463	20.854	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	70932	19.150	ng/ul	97
64) N-Nitrosodiphenylamine	15.55	169	350423	19.258	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	123386	19.192	ng/ul	96
66) Hexachlorobenzene	16.35	284	137815	19.624	ng/ul	98
67) Atrazine	16.51	200	122510	19.684	ng/ul	98
68) Pentachlorophenol	16.70	266	55692	17.026	ng/ul	94
69) Phenanthrene	17.08	178	630059	19.501	ng/ul	100
71) Anthracene	17.17	178	650171	19.847	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	188273	18.794	ng/uL	98
73) Pentachlorobenzene	14.61	250	166110	18.571	ng/uL	98
74) Carbazole	17.45	167	573443	20.399	ng/ul	99
75) Di-n-butylphthalate	18.01	149	672568	19.940	ng/ul	99
76) Fluoranthene	19.10	202	719355	20.872	ng/ul	100
79) Pyrene	19.47	202	733859	18.535	ng/ul	99
80) Butylbenzylphthalate	20.37	149	313677	19.039	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.16	252	249886	20.662	ng/ul	99
82) Benzo(a)anthracene	21.22	228	730910	19.620	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	456875	19.101	ng/ul	99
84) Chrysene	21.27	228	679454	19.459	ng/ul	98
86) Di-n-octyl phthalate	22.03	149	785702	19.376	ng/ul	99
87) Benzo(b)fluoranthene	22.79	252	727627	19.421	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	684411	19.580	ng/ul	99
90) Benzo(a)pyrene	23.36	252	695615	19.639	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.67	276	822107	19.605	ng/ul	99
92) Dibenzo(a,h)anthracene	25.67	278	685549	19.403	ng/ul	99
93) Benzo(g,h,i)perylene	26.34	276	684813	19.536	ng/ul	98

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

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