Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002690.D
Acq On : 14 Sep 2018 15:15
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV49

Quant Time: Sep 14 15:45:56 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	155651	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	683629	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	386654	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	813648	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	698486	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	638634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	27557	8.17	ng/uL	0.00
5) Phenol-d5	6.84	99	269546	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	166715	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	222597	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	215753	21.07	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	107959	20.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	123442	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	220630	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	280094	22.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	626834	20.71	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	807697	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	100281	20.04	ng/ul	0.00
57) Fluorene-d10	15.29	176	541030	20.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	99165	19.48	ng/ul	0.00
70) Anthracene-d10	17.13	188	781830	20.13	ng/ul	0.00
78) Pyrene-d10	19.44	212	778435	21.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	682240	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	27661	7.333	ng/uL	99
4) Benzaldehyde	6.80	77	178971	24.767	ng/ul	99
6) Phenol	6.86	94	272257	20.427	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	211350	20.616	ng/ul	99
10) 2-Chlorophenol	7.22	128	220302	20.405	ng/ul	97
11) 2-Methylphenol	8.10	108	205522	20.534	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	334516	20.833	ng/ul	98
14) Acetophenone	8.47	105	334887	21.233	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	171168	21.595	ng/ul	98
16) 4-Methylphenol	8.43	108	221181	20.835	ng/ul	100
17) Hexachloroethane	8.71	117	87261	20.104	ng/ul	98
20) Nitrobenzene	8.85	77	250754	20.372	ng/ul	98
21) Isophorone	9.36	82	479096	21.098	ng/ul	99
23) 2-Nitrophenol	9.55	139	128805	20.758	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	251002	20.515	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	294852	20.635	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	210943	20.091	ng/ul	92
28) Naphthalene	10.47	128	698856	19.835	ng/ul	99
30) 4-Chloroaniline	10.59	127	282695	22.560	ng/ul	98
31) Hexachlorobutadiene	10.75	225	130957	19.527	ng/ul	96
32) Caprolactam	11.35	113	68799	21.334	ng/ul	93
33) 4-Chloro-3-methylphenol	11.73	107	229471	21.434	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	506308	20.558	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	250009	19.464 ng/ul	98
37) Hexachlorocyclopentadiene	12.44	237	100126	17.419 ng/ul	95
38) 2,4,6-Trichlorophenol	12.72	196	163908	20.002 ng/ul	99
39) 2,4,5-Trichlorophenol	12.79	196	171137	19.941 ng/ul	98
40) 1,1'-Biphenyl	13.12	154	639744	20.088 ng/ul	100
41) 2-Chloronaphthalene	13.15	162	496007	19.851 ng/ul	99
42) 2-Nitroaniline	13.37	65	147105	21.203 ng/ul	98
44) Dimethylphthalate	13.75	163	608574	20.602 ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	127396	21.407 ng/ul	99
47) Acenaphthylene	14.00	152	757632	20.406 ng/ul	99
48) 3-Nitroaniline	14.20	138	126641	21.824 ng/ul	99
49) Acenaphthene	14.35	153	529773	20.144 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	55787	17.731 ng/ul	94
52) 4-Nitrophenol	14.53	109	69686	20.012 ng/ul	98
53) Dibenzofuran	14.69	168	733478	20.282 ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	181273	21.531 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.92	232	140149	20.630 ng/ul	97
56) Diethylphthalate	15.12	149	606535	20.958 ng/ul	99
58) Fluorene	15.34	166	597700	20.634 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	297981	20.572 ng/ul	98
60) 4-Nitroaniline	15.37	138	123744	20.114 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.44	198	102910	20.023 ng/ul#	96
64) N-Nitrosodiphenylamine	15.55	169	509524	20.181 ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	177186	19.863 ng/ul	97
66) Hexachlorobenzene	16.35	284	200322	20.557 ng/ul	96
67) Atrazine	16.51	200	175660	20.341 ng/ul	99
68) Pentachlorophenol	16.70	266	84673	18.656 ng/ul	96
69) Phenanthrene	17.08	178	909978	20.299 ng/ul	100
71) Anthracene	17.17	178	920036	20.241 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	268305	19.302 ng/uL	98
73) Pentachlorobenzene	14.61	250	243115	19.588 ng/uL	98
74) Carbazole	17.45	167	799077	20.486 ng/ul	99
75) Di-n-butylphthalate	18.01	149	964376	20.606 ng/ul	100
76) Fluoranthene	19.10	202	968513	20.252 ng/ul	98
79) Pyrene	19.47	202	969907	21.002 ng/ul	99
80) Butylbenzylphthalate	20.37	149	398817	20.753 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.16	252	293228	20.787 ng/ul#	98
82) Benzo(a)anthracene	21.22	228	864997	19.907 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	562975	20.179 ng/ul	100
84) Chrysene	21.27	228	805076	19.767 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	898975	21.296 ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	802881	20.585 ng/ul	99
88) Benzo(k)fluoranthene	22.83	252	733438	20.157 ng/ul	98
90) Benzo(a)pyrene	23.36	252	735957	19.959 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.66	276	850955	19.494 ng/ul	99
92) Dibenzo(a,h)anthracene	25.67	278	711516	19.344 ng/ul	98
93) Benzo(g,h,i)perylene	26.34	276	707802	19.397 ng/ul	99

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

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