Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009730.D
Acq On : 17 Feb 2020 10:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:14 AM

Quant Time: Feb 17 13:41:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	108584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	445201	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	292408	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	638472	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	627301	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	657435	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	22076	8.36	ng/uL	0.00
5) Phenol-d5	6.62	99	180350	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	131060	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	142035	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	143605	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	68676	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	74269	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	146615	21.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	159013	20.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	442833	20.28	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	542808	21.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	75281	18.87	ng/ul	0.00
58) Fluorene-d10	15.06	176	395790	20.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	72757	18.34	ng/ul	0.00
71) Anthracene-d10	16.91	188	612994	20.94	ng/ul	0.00
79) Pyrene-d10	19.22	212	649698	19.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	675214	20.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	24728	8.153	ng/uL	96
4) Benzaldehyde	6.58	77	137153	22.330	ng/ul	93
6) Phenol	6.64	94	195035	19.706	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.86	93	156338	20.098	ng/ul	94
10) 2-Chlorophenol	6.99	128	150073	20.490	ng/ul	91
11) 2-Methylphenol	7.87	108	143994	19.881	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.95	45	439663	23.055	ng/ul	99
14) Acetophenone	8.23	105	242343	20.243	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.22	70	131947	21.093	ng/ul	90
16) 4-Methylphenol	8.19	108	157655	19.838	ng/ul	95
17) Hexachloroethane	8.46	117	71445	21.441	ng/ul	96
20) Nitrobenzene	8.60	77	202314	21.080	ng/ul	99
21) Isophorone	9.12	82	352171	20.850	ng/ul	99
23) 2-Nitrophenol	9.30	139	84557	21.208	ng/ul	97
24) 2,4-Dimethylphenol	9.38	107	188744	21.803	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.61	93	216450	20.968	ng/ul	98
27) 2,4-Dichlorophenol	9.83	162	149301	21.604	ng/ul	98
28) Naphthalene	10.21	128	515673	21.480	ng/ul	100
30) 4-Chloroaniline	10.34	127	165779	21.035	ng/ul	99
31) Hexachlorobutadiene	10.50	225	101733	22.012	ng/ul#	88
32) Caprolactam	11.13	113	41156	17.758	ng/ul	87
33) 4-Chloro-3-methylphenol	11.48	107	169120	21.401	ng/ul	99
34) 2-Methylnaphthalene	11.83	142	355447	21.322	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	352149	21.075	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	180442	20.819	ng/ul	96
38) Hexachlorocyclopentadiene	12.19	237	67128	17.901	ng/ul	98
39) 2,4,6-Trichlorophenol	12.47	196	113582	20.648	ng/ul	98
40) 2,4,5-Trichlorophenol	12.55	196	120611	20.438	ng/ul	99
41) 1,1'-Biphenyl	12.87	154	471201	20.981	ng/ul	97
42) 2-Chloronaphthalene	12.92	162	375174	21.035	ng/ul	98
43) 2-Nitroaniline	13.14	65	137412	21.067	ng/ul	97
45) Dimethylphthalate	13.53	163	471639	20.695	ng/ul	100
46) 2,6-Dinitrotoluene	13.65	165	93883	21.043	ng/ul	98
48) Acenaphthylene	13.77	152	592859	21.294	ng/ul	99
49) 3-Nitroaniline	13.98	138	80240	19.480	ng/ul	96
50) Acenaphthene	14.12	153	398837	20.896	ng/ul	98
51) 2,4-Dinitrophenol	14.21	184	42652	16.652	ng/ul	94
53) 4-Nitrophenol	14.30	109	75958	21.103	ng/ul	91
54) Dibenzofuran	14.46	168	566888	21.161	ng/ul	99
55) 2,4-Dinitrotoluene	14.46	165	138617	20.964	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.70	232	105591	20.811	ng/ul	99
57) Diethylphthalate	14.91	149	488847	20.889	ng/ul	100
59) Fluorene	15.12	166	474740	21.116	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	233549	21.063	ng/ul	97
61) 4-Nitroaniline	15.15	138	99104m	19.730	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	79941	18.710	ng/ul	94
65) N-Nitrosodiphenylamine	15.33	169	399321	21.079	ng/ul	97
66) 4-Bromophenyl-phenylether	16.01	248	130182	20.377	ng/ul	89
67) Hexachlorobenzene	16.13	284	143730	20.332	ng/ul#	89
68) Atrazine	16.30	200	142999	19.899	ng/ul	94
69) Pentachlorophenol	16.47	266	74115	18.142	ng/ul	91
70) Phenanthrene	16.85	178	750609	20.600	ng/ul	99
72) Anthracene	16.95	178	781383	20.977	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	190190	20.389	ng/uL	90
74) Pentachlorobenzene	14.39	250	183905	20.444	ng/uL	98
75) Carbazole	17.22	167	665132	20.277	ng/ul	99
76) Di-n-butylphthalate	17.80	149	826746	20.420	ng/ul	98
77) Fluoranthene	18.88	202	870486	20.395	ng/ul	99
80) Pyrene	19.25	202	903299	19.973	ng/ul	99
81) Butylbenzylphthalate	20.18	149	356789	19.191	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.96	252	261313	19.106	ng/ul	99
83) Benzo(a)anthracene	21.02	228	858190	19.908	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	560195	19.736	ng/ul	98
85) Chrysene	21.06	228	856846	20.190	ng/ul	99
87) Di-n-octyl phthalate	21.82	149	933020	18.751	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	845832	19.843	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	860232	21.313	ng/ul	98
91) Benzo(a)pyrene	23.05	252	783842	20.446	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	954931	20.980	ng/ul	96
93) Dibenzo(a,h)anthracene	25.20	278	803372	20.632	ng/ul	98
94) Benzo(g,h,i)perylene	25.82	276	797559	20.897	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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