Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072420\
Data File : BN011243.D
Acq On : 24 Jul 2020 15:41
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 16:14:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 11:01:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02065

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	187338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	765341	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	489001	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1108568	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1129644	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	986913	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	37759	7.70	ng/uL	0.00
5) Phenol-d5	6.68	99	314973	21.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	175358	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	258531	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	249878	20.34	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	126651	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	134658	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	262725	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	333528	24.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	781280	19.70	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	934695	19.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	133521	18.85	ng/ul	0.00
58) Fluorene-d10	15.12	176	685861	19.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	136823	20.23	ng/ul	0.00
71) Anthracene-d10	16.96	188	1089612	20.19	ng/ul	0.00
79) Pyrene-d10	19.27	212	1248351	22.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1095560	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	39249	7.589	ng/uL	94
4) Benzaldehyde	6.65	77	204046	26.950	ng/ul	96
6) Phenol	6.70	94	344401	21.097	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	255155	21.163	ng/ul	97
10) 2-Chlorophenol	7.05	128	275391	19.500	ng/ul	96
11) 2-Methylphenol	7.93	108	251429	20.656	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.01	45	181265	22.480	ng/ul	99
14) Acetophenone	8.29	105	420706	20.042	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.29	70	216730	20.237	ng/ul	99
16) 4-Methylphenol	8.25	108	271684	20.227	ng/ul	97
17) Hexachloroethane	8.53	117	121616	19.788	ng/ul	95
20) Nitrobenzene	8.66	77	331958	20.569	ng/ul	99
21) Isophorone	9.19	82	559419	20.282	ng/ul	100
23) 2-Nitrophenol	9.36	139	150813	20.288	ng/ul	98
24) 2,4-Dimethylphenol	9.43	107	319373	20.603	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.67	93	340470	20.396	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	267953	20.069	ng/ul	95
28) Naphthalene	10.28	128	880854	19.633	ng/ul	99
30) 4-Chloroaniline	10.40	127	346720	24.604	ng/ul	99
31) Hexachlorobutadiene	10.57	225	184290	19.935	ng/ul	99
32) Caprolactam	11.18	113	72859m	20.317	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	287993	20.109	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	632494	19.441	ng/ul	96

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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	12.12	142	588592	19.473	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	332227	19.840	ng/ul	95
38) Hexachlorocyclopentadiene	12.26	237	218147	21.143	ng/ul	96
39) 2,4,6-Trichlorophenol	12.53	196	213754	20.056	ng/ul	95
40) 2,4,5-Trichlorophenol	12.60	196	233289	19.539	ng/ul	91
41) 1,1'-Biphenyl	12.93	154	813526	19.592	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	653496	19.836	ng/ul	99
43) 2-Nitroaniline	13.19	65	174424	20.910	ng/ul	93
45) Dimethylphthalate	13.59	163	811660	19.374	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	164923	19.867	ng/ul	93
48) Acenaphthylene	13.83	152	981019	19.740	ng/ul	99
49) 3-Nitroaniline	14.03	138	158929	20.745	ng/ul	98
50) Acenaphthene	14.17	153	694828	19.906	ng/ul	96
51) 2,4-Dinitrophenol	14.24	184	86249	18.014	ng/ul	92
53) 4-Nitrophenol	14.35	109	139133	20.452	ng/ul	95
54) Dibenzofuran	14.52	168	979278	19.578	ng/ul	99
55) 2,4-Dinitrotoluene	14.49	165	246093	20.314	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.75	232	200921	20.139	ng/ul	97
57) Diethylphthalate	14.97	149	819229	19.851	ng/ul	99
59) Fluorene	15.17	166	819180	19.447	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	408456	19.388	ng/ul	94
61) 4-Nitroaniline	15.20	138	166520	18.409	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.26	198	143512	20.369	ng/ul	98
65) N-Nitrosodiphenylamine	15.39	169	706450	20.295	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	238974	19.604	ng/ul#	87
67) Hexachlorobenzene	16.18	284	265868	19.654	ng/ul	98
68) Atrazine	16.36	200	256335	21.698	ng/ul	99
69) Pentachlorophenol	16.53	266	158605	19.830	ng/ul	96
70) Phenanthrene	16.91	178	1333074	19.860	ng/ul	98
72) Anthracene	17.00	178	1349099	19.794	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	337497	20.695	ng/uL	96
74) Pentachlorobenzene	14.44	250	312007	19.930	ng/uL	99
75) Carbazole	17.27	167	1178435	20.289	ng/ul	100
76) Di-n-butylphthalate	17.86	149	1358493	19.610	ng/ul	100
77) Fluoranthene	18.94	202	1586175	20.971	ng/ul	100
80) Pyrene	19.30	202	1688349	22.166	ng/ul	98
81) Butylbenzylphthalate	20.24	149	624672	21.494	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.01	252	458733	19.352	ng/ul	98
83) Benzo(a)anthracene	21.07	228	1570592	19.706	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.03	149	974193	21.086	ng/ul	99
85) Chrysene	21.12	228	1490377	19.442	ng/ul	95
87) Di-n-octyl phthalate	21.89	149	1531581	23.858	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1447742	21.396	ng/ul	96
89) Benzo(k)fluoranthene	22.63	252	1430319	21.004	ng/ul	98
91) Benzo(a)pyrene	23.13	252	1213747	20.339	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.30	276	1389643	19.683	ng/ul	95
93) Dibenzo(a,h)anthracene	25.31	278	1126937	19.012	ng/ul	94
94) Benzo(g,h,i)perylene	25.93	276	1159208	20.325	ng/ul	99

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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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