Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071720\
Data File : BN011199.D
Acq On : 17 Jul 2020 12:21
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Manual Integrations APPROVED
mohammad
7/20/2020 11:27:23 AM

Quant Time: Jul 17 12:56:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 09:55:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	219099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	913320	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	588371	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1269186	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1474182	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1437857	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	39264	6.85	ng/uL	0.00
5) Phenol-d5	6.68	99	361589	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	197936	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	298762	19.63	ng/ul	-0.01
13) 4-Methylphenol-d8	8.19	113	291955	20.32	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	141948	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	161595	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	300794	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	383286	23.81	ng/ul	-0.01
44) Dimethylphthalate-d6	13.53	166	878120	18.40	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1069372	18.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	154891	18.17	ng/ul	0.00
58) Fluorene-d10	15.12	176	757145	17.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	150751	19.47	ng/ul	0.00
71) Anthracene-d10	16.97	188	1194773	19.34	ng/ul	0.00
79) Pyrene-d10	19.27	212	1360026	18.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1487324	19.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	45443	7.513	ng/uL	98
4) Benzaldehyde	6.64	77	230130	25.989	ng/ul	94
6) Phenol	6.70	94	393618	20.616	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	297546	21.101	ng/ul	98
10) 2-Chlorophenol	7.05	128	318829	19.303	ng/ul	97
11) 2-Methylphenol	7.92	108	290143	20.381	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.01	45	205773	21.820	ng/ul	100
14) Acetophenone	8.29	105	485244	19.765	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.28	70	243493	19.440	ng/ul	99
16) 4-Methylphenol	8.25	108	314494	20.020	ng/ul	99
17) Hexachloroethane	8.53	117	134356	18.692	ng/ul	95
20) Nitrobenzene	8.66	77	371015	19.264	ng/ul	97
21) Isophorone	9.18	82	640797	19.468	ng/ul	99
23) 2-Nitrophenol	9.36	139	179933	20.283	ng/ul	94
24) 2,4-Dimethylphenol	9.43	107	356297	19.261	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	390395	19.597	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	308011	19.332	ng/ul	98
28) Naphthalene	10.28	128	994775	18.580	ng/ul	100
30) 4-Chloroaniline	10.39	127	391018	23.252	ng/ul	95
31) Hexachlorobutadiene	10.57	225	205696	18.645	ng/ul	99
32) Caprolactam	11.17	113	86263m	20.157	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	325164	19.026	ng/ul	100
34) 2-Methylnaphthalene	11.90	142	716776	18.462	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	672669	18.649	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	375998	18.662	ng/ul	95
38) Hexachlorocyclopentadiene	12.26	237	247781	19.959	ng/ul	94
39) 2,4,6-Trichlorophenol	12.53	196	240548	18.759	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	266982	18.584	ng/ul	95
41) 1,1'-Biphenyl	12.93	154	924261	18.500	ng/ul	98
42) 2-Chloronaphthalene	12.97	162	724924	18.288	ng/ul	98
43) 2-Nitroaniline	13.19	65	188507	18.781	ng/ul	90
45) Dimethylphthalate	13.59	163	906069	17.975	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	183980	18.419	ng/ul	94
48) Acenaphthylene	13.83	152	1114636	18.641	ng/ul	99
49) 3-Nitroaniline	14.03	138	183244	19.880	ng/ul	99
50) Acenaphthene	14.18	153	770065	18.336	ng/ul	95
51) 2,4-Dinitrophenol	14.24	184	99479	17.268	ng/ul	92
53) 4-Nitrophenol	14.35	109	152945	18.685	ng/ul	94
54) Dibenzofuran	14.52	168	1122710	18.654	ng/ul	100
55) 2,4-Dinitrotoluene	14.49	165	271409	18.620	ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	14.75	232	223063	18.582	ng/ul	96
57) Diethylphthalate	14.97	149	909299	18.313	ng/ul	100
59) Fluorene	15.17	166	915056	18.054	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	464316	18.317	ng/ul	95
61) 4-Nitroaniline	15.20	138	203088	18.660	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.26	198	158094	19.599	ng/ul	95
65) N-Nitrosodiphenylamine	15.39	169	784345	19.682	ng/ul	98
66) 4-Bromophenyl-phenylether	16.07	248	258929	18.553	ng/ul	93
67) Hexachlorobenzene	16.18	284	291180	18.802	ng/ul	97
68) Atrazine	16.36	200	276769	20.462	ng/ul	99
69) Pentachlorophenol	16.53	266	178234	19.464	ng/ul	91
70) Phenanthrene	16.91	178	1435737	18.683	ng/ul	99
72) Anthracene	17.00	178	1512791	19.386	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	375707	20.123	ng/uL	95
74) Pentachlorobenzene	14.44	250	354847	19.798	ng/uL	98
75) Carbazole	17.28	167	1319164	19.838	ng/ul	99
76) Di-n-butylphthalate	17.86	149	1536364	19.371	ng/ul	99
77) Fluoranthene	18.94	202	1721653	19.882	ng/ul	98
80) Pyrene	19.31	202	1832493	18.435	ng/ul	100
81) Butylbenzylphthalate	20.25	149	745715	19.662	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.02	252	619852	20.038	ng/ul	100
83) Benzo(a)anthracene	21.08	228	1910455	18.368	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	1175429	19.496	ng/ul	100
85) Chrysene	21.13	228	1806592	18.059	ng/ul	98
87) Di-n-octyl phthalate	21.90	149	2027914	21.682	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1967993	19.963	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	1887197	19.022	ng/ul	99
91) Benzo(a)pyrene	23.14	252	1652631	19.008	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.32	276	1955809	19.014	ng/ul	97
93) Dibenzo(a,h)anthracene	25.33	278	1653285	19.145	ng/ul	98
94) Benzo(g,h,i)perylene	25.94	276	1638951	19.724	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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