Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091719\
Data File : BN007693.D
Acq On : 17 Sep 2019 10:28
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02011

Quant Time: Sep 18 01:33:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	604605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2523738	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1624342	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3551681	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3542080	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3666728	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	110469	6.94	ng/uL	0.00
5) Phenol-d5	6.88	99	1238082	21.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	653249	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	903263	22.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	947790	21.60	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	433831	23.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	447150	25.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	935583	22.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	1195845	22.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2669954	20.66	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	3407396	23.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	496322	21.59	ng/ul	0.00
57) Fluorene-d10	15.33	176	2352730	20.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	325356	16.97	ng/ul	0.00
70) Anthracene-d10	17.17	188	3858611	21.82	ng/ul	0.00
78) Pyrene-d10	19.47	212	4356005	22.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	4077064	21.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	118830	7.314	ng/uL	93
4) Benzaldehyde	6.85	77	822034	25.443	ng/ul	99
6) Phenol	6.90	94	1272547	20.343	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	901277	19.935	ng/ul	99
10) 2-Chlorophenol	7.28	128	912097	20.767	ng/ul	98
11) 2-Methylphenol	8.14	108	934280	21.062	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	960293	19.604	ng/ul	98
14) Acetophenone	8.52	105	1461419	20.582	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	784090	20.308	ng/ul	98
16) 4-Methylphenol	8.46	108	990661	20.359	ng/ul	94
17) Hexachloroethane	8.78	117	340547	18.526	ng/ul	89
20) Nitrobenzene	8.89	77	1163554	21.262	ng/ul	98
21) Isophorone	9.41	82	2116578	20.247	ng/ul	100
23) 2-Nitrophenol	9.59	139	490310	24.027	ng/ul	99
24) 2,4-Dimethylphenol	9.66	107	1097187	20.611	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	1257730	20.281	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	908407	21.559	ng/ul	98
28) Naphthalene	10.53	128	2906652	20.424	ng/ul	98
30) 4-Chloroaniline	10.63	127	1191329	21.105	ng/ul	98
31) Hexachlorobutadiene	10.82	225	609935	20.296	ng/ul	99
32) Caprolactam	11.38	113	392086	26.799	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	1034282	21.190	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	2097766	20.414	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	1236559	21.537	ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	507372	14.397	ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	751220	23.334	ng/ul	100
39) 2,4,5-Trichlorophenol	12.82	196	817768	22.771	ng/ul	98
40) 1,1'-Biphenyl	13.16	154	2695315	20.446	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	2139354	20.932	ng/ul	98
42) 2-Nitroaniline	13.40	65	652348	23.200	ng/ul	93
44) Dimethylphthalate	13.79	163	2614841	19.847	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	540086	22.460	ng/ul	94
47) Acenaphthylene	14.05	152	3153009	20.180	ng/ul	99
48) 3-Nitroaniline	14.23	138	593294	24.999	ng/ul	98
49) Acenaphthene	14.40	153	2267491	20.672	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	194693	15.054	ng/ul	99
52) 4-Nitrophenol	14.54	109	394188	20.891	ng/ul	95
53) Dibenzofuran	14.73	168	3257058	20.470	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	785392	21.790	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.96	232	716727	23.125	ng/ul	99
56) Diethylphthalate	15.16	149	2568702	19.592	ng/ul	99
58) Fluorene	15.38	166	2613923	20.416	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	1422204	20.561	ng/ul	98
60) 4-Nitroaniline	15.39	138	653434	24.165	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.46	198	338854	15.864	ng/ul	99
64) N-Nitrosodiphenylamine	15.59	169	2322087	20.859	ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	915062	21.476	ng/ul	94
66) Hexachlorobenzene	16.39	284	962202	20.896	ng/ul	95
67) Atrazine	16.55	200	1015052	22.455	ng/ul	98
68) Pentachlorophenol	16.73	266	548783	21.278	ng/ul	97
69) Phenanthrene	17.12	178	4319271	20.507	ng/ul	99
71) Anthracene	17.21	178	4396290	20.854	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	1209451	21.536	ng/uL	98
73) Pentachlorobenzene	14.66	250	1228930	22.269	ng/uL	98
74) Carbazole	17.47	167	3913569	21.948	ng/ul	99
75) Di-n-butylphthalate	18.06	149	4457568	21.032	ng/ul	100
76) Fluoranthene	19.14	202	5309052	22.979	ng/ul	98
79) Pyrene	19.50	202	5272453	22.354	ng/ul	100
80) Butylbenzylphthalate	20.42	149	2062282	23.003	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.19	252	1896426	21.935	ng/ul	97
82) Benzo(a)anthracene	21.26	228	5449823	21.592	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	2962887	21.456	ng/ul	97
84) Chrysene	21.31	228	4921979	20.960	ng/ul	99
86) Di-n-octyl phthalate	22.08	149	5112102	26.958	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	5054961	21.318	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	4945321	21.461	ng/ul	99
90) Benzo(a)pyrene	23.40	252	4888620	21.324	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.72	276	5457931	20.263	ng/ul	99
92) Dibenzo(a,h)anthracene	25.73	278	4602405	20.486	ng/ul	98
93) Benzo(g,h,i)perylene	26.39	276	4387120	19.868	ng/ul	98

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

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