Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007663.D
Acq On : 16 Sep 2019 13:02
Operator : HP/JU
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01002

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:05 PM

Quant Time: Sep 16 14:26:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 14:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	471701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1951934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1289147	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	2876005	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3265155	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3629923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	47307	4.34	ng/uL	0.00
5) Phenol-d5	6.88	99	391403	10.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	228182	10.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	280253	9.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	299031	10.24	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	123311	8.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	111102	7.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	281826	10.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	387060	11.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	961602	10.51	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1068454	9.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	143908	8.91	ng/ul	0.00
57) Fluorene-d10	15.32	176	842927	10.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	107555	6.68	ng/ul	0.00
70) Anthracene-d10	17.17	188	1355356	11.04	ng/ul	0.00
78) Pyrene-d10	19.47	212	1662510	10.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1755733	10.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	48027	4.268	ng/uL	97
4) Benzaldehyde	6.86	77	200761	7.848	ng/ul	97
6) Phenol	6.90	94	446460	11.590	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	325204	10.879	ng/ul	98
10) 2-Chlorophenol	7.27	128	318804	10.311	ng/ul	99
11) 2-Methylphenol	8.14	108	304657	10.541	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.23	45	372429	9.323	ng/ul	98
14) Acetophenone	8.52	105	520290	11.777	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	275558	11.770	ng/ul	99
16) 4-Methylphenol	8.46	108	344721	11.102	ng/ul	98
17) Hexachloroethane	8.78	117	136482	10.497	ng/ul	97
20) Nitrobenzene	8.89	77	393078	11.929	ng/ul	97
21) Isophorone	9.41	82	730180	11.498	ng/ul	100
23) 2-Nitrophenol	9.59	139	133762	8.194	ng/ul	99
24) 2,4-Dimethylphenol	9.66	107	382307	11.534	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.89	93	439003	11.231	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	297014	10.909	ng/ul	95
28) Naphthalene	10.52	128	1057485	11.488	ng/ul	99
30) 4-Chloroaniline	10.63	127	426709	12.754	ng/ul	98
31) Hexachlorobutadiene	10.82	225	218279	12.541	ng/ul	98
32) Caprolactam	11.38	113	76191m	8.348	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	340327	11.485	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	758096	11.814	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	436283	11.306	ng/ul	100
37) Hexachlorocyclopentadiene	12.50	237	244657	11.102	ng/ul	97
38) 2,4,6-Trichlorophenol	12.75	196	225661	9.139	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	253770	9.636	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1007979	10.409	ng/ul	98
41) 2-Chloronaphthalene	13.20	162	775338	10.356	ng/ul	98
42) 2-Nitroaniline	13.40	65	183215	8.422	ng/ul	97
44) Dimethylphthalate	13.79	163	1001839	11.045	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	157552	8.554	ng/ul	98
47) Acenaphthylene	14.05	152	1196894	10.297	ng/ul	99
48) 3-Nitroaniline	14.22	138	134404	7.465	ng/ul	95
49) Acenaphthene	14.39	153	839636	10.735	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	68361	7.005	ng/ul	95
52) 4-Nitrophenol	14.53	109	123918	10.120	ng/ul	97
53) Dibenzofuran	14.73	168	1227510	11.121	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	243829	9.430	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.96	232	214177	9.870	ng/ul	99
56) Diethylphthalate	15.16	149	974760	10.730	ng/ul	100
58) Fluorene	15.38	166	979171	11.332	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.38	204	528413	12.266	ng/ul	100
60) 4-Nitroaniline	15.39	138	154694	7.337	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.45	198	127886	7.657	ng/ul	99
64) N-Nitrosodiphenylamine	15.59	169	865058	10.817	ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	321093	11.367	ng/ul	98
66) Hexachlorobenzene	16.39	284	349269	11.259	ng/ul	100
67) Atrazine	16.54	200	308264	10.744	ng/ul	100
68) Pentachlorophenol	16.72	266	157522	8.929	ng/ul	100
69) Phenanthrene	17.12	178	1678771	11.902	ng/ul	99
71) Anthracene	17.20	178	1677415	11.638	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	435656	10.541	ng/uL	99
73) Pentachlorobenzene	14.65	250	422109	11.436	ng/uL	98
74) Carbazole	17.47	167	1501623	11.663	ng/ul	100
75) Di-n-butylphthalate	18.05	149	1645173	10.045	ng/ul	99
76) Fluoranthene	19.13	202	2104676	13.315	ng/ul	99
79) Pyrene	19.50	202	2194320	10.931	ng/ul	100
80) Butylbenzylphthalate	20.42	149	711212	7.570	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.19	252	656104	9.614	ng/ul	98
82) Benzo(a)anthracene	21.25	228	2361067	11.762	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	1165475	8.592	ng/ul	98
84) Chrysene	21.30	228	2176085	11.310	ng/ul	98
86) Di-n-octyl phthalate	22.08	149	1841771	8.409	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	2251038	11.633	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	2209727	11.666	ng/ul	100
90) Benzo(a)pyrene	23.39	252	2147433	11.479	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	2491931	10.926	ng/ul	99
92) Dibenzo(a,h)anthracene	25.71	278	2088338	10.857	ng/ul	97
93) Benzo(g,h,i)perylene	26.37	276	2012741	10.382	ng/ul	98

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

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