Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008573.D
Acq On : 15 Nov 2019 01:07
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02063

Manual Integrations APPROVED
mohammad
11/15/2019 5:58:52 PM

Quant Time: Nov 15 05:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 04:28:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	388448	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1684721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	1099687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	2274345	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2079400	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	2243070	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	57074	5.96	ng/uL	0.00
5) Phenol-d5	6.82	99	616670	18.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	374186	17.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	479596	18.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	500746	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	233773	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	259664	24.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	520696	18.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	620375	19.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1517253	17.43	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1754557	17.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	273585	20.28	ng/ul	0.00
57) Fluorene-d10	15.26	176	1281948	17.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	206968	23.84	ng/ul	0.00
70) Anthracene-d10	17.10	188	1949972	18.09	ng/ul	0.00
78) Pyrene-d10	19.40	212	2187495	18.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2145092	18.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	57345	5.927	ng/uL	99
4) Benzaldehyde	6.79	77	298134	15.274	ng/ul	99
6) Phenol	6.85	94	654132	18.590	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	492942	18.263	ng/ul	96
10) 2-Chlorophenol	7.20	128	504901	18.823	ng/ul	98
11) 2-Methylphenol	8.08	108	498061	18.875	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	816503	18.349	ng/ul	98
14) Acetophenone	8.45	105	816169	19.106	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	421494	18.848	ng/ul	97
16) 4-Methylphenol	8.40	108	538209	18.880	ng/ul	90
17) Hexachloroethane	8.70	117	210921	18.370	ng/ul	93
20) Nitrobenzene	8.81	77	609168	19.294	ng/ul	96
21) Isophorone	9.34	82	1182685	17.744	ng/ul	99
23) 2-Nitrophenol	9.52	139	285983	23.505	ng/ul	94
24) 2,4-Dimethylphenol	9.59	107	634540	18.299	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	693484	17.841	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	526320	19.703	ng/ul	99
28) Naphthalene	10.45	128	1616109	18.232	ng/ul	100
30) 4-Chloroaniline	10.55	127	657302	19.945	ng/ul	98
31) Hexachlorobutadiene	10.75	225	336990	18.680	ng/ul	98
32) Caprolactam	11.31	113	164749m	18.542	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	594625	18.726	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	1212312	18.622	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	642697	19.169 ng/ul	94
37) Hexachlorocyclopentadiene	12.43	237	461116	23.185 ng/ul	99
38) 2,4,6-Trichlorophenol	12.68	196	428919	20.818 ng/ul	97
39) 2,4,5-Trichlorophenol	12.75	196	457007	20.754 ng/ul	98
40) 1,1'-Biphenyl	13.09	154	1566005	18.485 ng/ul	99
41) 2-Chloronaphthalene	13.12	162	1219771	18.774 ng/ul	99
42) 2-Nitroaniline	13.32	65	406687	23.290 ng/ul	98
44) Dimethylphthalate	13.72	163	1539747	18.271 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	301894	23.811 ng/ul	93
47) Acenaphthylene	13.97	152	1858127	18.539 ng/ul	99
48) 3-Nitroaniline	14.15	138	288510	21.834 ng/ul#	93
49) Acenaphthene	14.32	153	1279171	18.529 ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	161655	27.768 ng/ul	96
52) 4-Nitrophenol	14.47	109	269988	20.383 ng/ul	97
53) Dibenzofuran	14.66	168	1825280	18.297 ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	436728	23.364 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.89	232	400233	22.049 ng/ul	99
56) Diethylphthalate	15.10	149	1548398	17.862 ng/ul	98
58) Fluorene	15.31	166	1460101	18.510 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.31	204	745005	18.975 ng/ul	98
60) 4-Nitroaniline	15.32	138	319716	20.296 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	230470	23.763 ng/ul#	97
64) N-Nitrosodiphenylamine	15.52	169	1275462	18.725 ng/ul	92
65) 4-Bromophenyl-phenylether	16.20	248	478251	20.332 ng/ul	96
66) Hexachlorobenzene	16.32	284	506301	20.352 ng/ul	96
67) Atrazine	16.48	200	492499	19.837 ng/ul	98
68) Pentachlorophenol	16.66	266	309775	21.753 ng/ul	96
69) Phenanthrene	17.04	178	2376137	19.288 ng/ul	99
71) Anthracene	17.13	178	2423066	19.248 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	654948	20.802 ng/uL	97
73) Pentachlorobenzene	14.58	250	617275	20.071 ng/uL	97
74) Carbazole	17.40	167	2160076	19.203 ng/ul	99
75) Di-n-butylphthalate	17.99	149	2655501	18.842 ng/ul	99
76) Fluoranthene	19.06	202	2772730	19.593 ng/ul	96
79) Pyrene	19.43	202	2803349	18.835 ng/ul	97
80) Butylbenzylphthalate	20.35	149	1241481	22.570 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.12	252	890071	18.349 ng/ul	97
82) Benzo(a)anthracene	21.18	228	2749497	18.806 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.15	149	1793732	19.892 ng/ul#	99
84) Chrysene	21.23	228	2502272	18.275 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	3021238	20.728 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2735155	19.539 ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	2455536	18.633 ng/ul	99
90) Benzo(a)pyrene	23.28	252	2493156	18.728 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.54	276	2819762	18.500 ng/ul	97
92) Dibenzo(a,h)anthracene	25.55	278	2347496	18.338 ng/ul	97
93) Benzo(g,h,i)perylene	26.18	276	2392791	18.707 ng/ul	99

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

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