Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041919\
Data File : BN005160.D
Acq On : 18 Apr 2019 21:05
Operator : JU/SJ
Sample : SSTD04061
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04061

Manual Integrations APPROVED
Sohil
4/23/2019 8:37:42 AM

Quant Time: Apr 19 03:57:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 03:40:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	357836	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1527362	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	881070	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1901859	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1738974	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1889280	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	120652	16.15	ng/uL	0.00
5) Phenol-d5	6.79	99	1162215	42.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	720973	40.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	903806	41.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	911888	42.70	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	412072	49.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	436033	56.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	914620	42.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	953043	43.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	2600387	40.31	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	3235216	40.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	422339	46.85	ng/ul	0.00
57) Fluorene-d10	15.24	176	2165383	40.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	356854	52.32	ng/ul	0.00
70) Anthracene-d10	17.09	188	3243177	40.55	ng/ul	0.00
78) Pyrene-d10	19.39	212	3535656	40.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	3470237	41.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	132315	16.435	ng/uL	92
4) Benzaldehyde	6.76	77	837419	41.614	ng/ul	96
6) Phenol	6.81	94	1212034	42.540	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	956740	41.478	ng/ul	98
10) 2-Chlorophenol	7.18	128	921506	41.690	ng/ul	98
11) 2-Methylphenol	8.04	108	897125	41.934	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.14	45	1598811	40.785	ng/ul	99
14) Acetophenone	8.42	105	1451082	41.814	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	755502	39.893	ng/ul	97
16) 4-Methylphenol	8.37	108	967200	42.366	ng/ul	92
17) Hexachloroethane	8.67	117	403557	42.432	ng/ul	97
20) Nitrobenzene	8.79	77	1093978	45.645	ng/ul	99
21) Isophorone	9.32	82	2113141	39.673	ng/ul	100
23) 2-Nitrophenol	9.49	139	484345	51.808	ng/ul	96
24) 2,4-Dimethylphenol	9.56	107	1104840	40.372	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	1310265	39.968	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	894832	42.161	ng/ul	98
28) Naphthalene	10.42	128	2869858	40.254	ng/ul	99
30) 4-Chloroaniline	10.53	127	974783	44.042	ng/ul	99
31) Hexachlorobutadiene	10.71	225	634898	41.604	ng/ul	98
32) Caprolactam	11.29	113	275309m	43.784	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	1000955	42.072	ng/ul	100
34) 2-Methylnaphthalene	12.04	142	2082262	40.210	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	1133791	40.919	ng/ul	98
37) Hexachlorocyclopentadiene	12.40	237	766953	42.074	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	703805	43.005	ng/ul	100
39) 2,4,5-Trichlorophenol	12.72	196	760299	44.573	ng/ul	99
40) 1,1'-Biphenyl	13.07	154	2661114	39.988	ng/ul	99
41) 2-Chloronaphthalene	13.10	162	2059131	40.378	ng/ul	99
42) 2-Nitroaniline	13.31	65	611338	55.949	ng/ul	97
44) Dimethylphthalate	13.71	163	2553092	40.091	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	493773	55.017	ng/ul	95
47) Acenaphthylene	13.96	152	3150997	40.258	ng/ul	99
48) 3-Nitroaniline	14.14	138	433869	49.536	ng/ul	96
49) Acenaphthene	14.30	153	2125036	40.103	ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	217638	55.810	ng/ul	95
52) 4-Nitrophenol	14.46	109	378492	45.090	ng/ul	95
53) Dibenzofuran	14.64	168	3048558	40.154	ng/ul	99
54) 2,4-Dinitrotoluene	14.61	165	712293	54.609	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.87	232	624864	44.174	ng/ul	97
56) Diethylphthalate	15.09	149	2605917	39.898	ng/ul	99
58) Fluorene	15.29	166	2357510	39.472	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	1246798	39.924	ng/ul	97
60) 4-Nitroaniline	15.32	138	536875	47.250	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.37	198	379692	50.211	ng/ul	97
64) N-Nitrosodiphenylamine	15.51	169	2112927	40.390	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	794902	41.245	ng/ul	99
66) Hexachlorobenzene	16.29	284	837215	41.604	ng/ul	99
67) Atrazine	16.47	200	806127	41.657	ng/ul	99
68) Pentachlorophenol	16.64	266	494295	43.570	ng/ul	96
69) Phenanthrene	17.03	178	3737606	40.455	ng/ul	100
71) Anthracene	17.12	178	3804428	40.267	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	1163272	41.398	ng/uL	98
73) Pentachlorobenzene	14.56	250	1023427	41.194	ng/uL	99
74) Carbazole	17.39	167	3375522	41.813	ng/ul	100
75) Di-n-butylphthalate	17.99	149	4360729	40.465	ng/ul	100
76) Fluoranthene	19.06	202	4324823	41.831	ng/ul	99
79) Pyrene	19.42	202	4396595	39.905	ng/ul	99
80) Butylbenzylphthalate	20.36	149	1962362	43.203	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.12	252	1447594	40.756	ng/ul	99
82) Benzo(a)anthracene	21.19	228	4365207	40.140	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	3021114	41.201	ng/ul	99
84) Chrysene	21.24	228	4054437	39.936	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	5165417	43.602	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	4431471	41.435	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	4079814	40.553	ng/ul	100
90) Benzo(a)pyrene	23.30	252	4142764	41.335	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	4754074	41.970	ng/ul	100
92) Dibenzo(a,h)anthracene	25.58	278	4019535	42.115	ng/ul	98
93) Benzo(g,h,i)perylene	26.22	276	3938827	41.670	ng/ul	99

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

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