Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006037.D
Acq On : 03 Jun 2019 12:32
Operator : JU/SJ
Sample : SSTD04091
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD04091

Manual Integrations APPROVED
Sohil
6/4/2019 8:39:22 AM

Quant Time: Jun 03 14:35:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 03 13:55:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	437245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1957150	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	1111280	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2289341	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1538379	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1631771	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	147352	14.83	ng/uL	0.00
5) Phenol-d5	6.90	99	1449625	37.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	825314	37.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	1139171	38.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	1153938	36.89	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	569798	45.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	637067	54.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	1138719	41.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1461034	40.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	3093324	37.76	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	3956552	38.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	582085	39.04	ng/ul	0.01
57) Fluorene-d10	15.38	176	2573274	37.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	466854	50.03	ng/ul	0.00
70) Anthracene-d10	17.24	188	3743005	38.42	ng/ul	0.00
78) Pyrene-d10	19.55	212	3459078	44.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2867022	39.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	157062	14.923	ng/uL	99
4) Benzaldehyde	6.87	77	949910	35.503	ng/ul	99
6) Phenol	6.92	94	1482731	37.132	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	1140852	36.998	ng/ul	98
10) 2-Chlorophenol	7.29	128	1159593	38.638	ng/ul	99
11) 2-Methylphenol	8.17	108	1135395	36.903	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	1529185	37.237	ng/ul	99
14) Acetophenone	8.55	105	1708414	36.217	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	884550	35.044	ng/ul	99
16) 4-Methylphenol	8.50	108	1227082	36.330	ng/ul	98
17) Hexachloroethane	8.79	117	451105	37.691	ng/ul	97
20) Nitrobenzene	8.93	77	1320260	41.175	ng/ul	98
21) Isophorone	9.45	82	2534989	36.315	ng/ul	100
23) 2-Nitrophenol	9.64	139	674054	49.224	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	1327833	38.702	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	1575904	37.089	ng/ul	100
27) 2,4-Dichlorophenol	10.17	162	1109063	40.556	ng/ul	98
28) Naphthalene	10.57	128	3585325	38.600	ng/ul	100
30) 4-Chloroaniline	10.68	127	1470647	40.479	ng/ul	100
31) Hexachlorobutadiene	10.85	225	647395	42.602	ng/ul	98
32) Caprolactam	11.45	113	399828m	36.633	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	1245723	37.780	ng/ul	100
34) 2-Methylnaphthalene	12.19	142	2565110	37.489	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	1277967	43.060	ng/ul	99
37) Hexachlorocyclopentadiene	12.54	237	479042	27.727	ng/ul	99
38) 2,4,6-Trichlorophenol	12.81	196	864915	44.288	ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	930103	43.564	ng/ul	99
40) 1,1'-Biphenyl	13.21	154	3233620	39.233	ng/ul	100
41) 2-Chloronaphthalene	13.25	162	2519286	40.356	ng/ul	100
42) 2-Nitroaniline	13.46	65	808209	48.944	ng/ul	97
44) Dimethylphthalate	13.84	163	3040510	37.133	ng/ul	100
45) 2,6-Dinitrotoluene	13.97	165	677793	48.020	ng/ul	98
47) Acenaphthylene	14.10	152	3853962	38.349	ng/ul	100
48) 3-Nitroaniline	14.29	138	695800	45.407	ng/ul	95
49) Acenaphthene	14.45	153	2593497	37.989	ng/ul	98
50) 2,4-Dinitrophenol	14.51	184	307017	48.877	ng/ul	99
52) 4-Nitrophenol	14.61	109	438683	37.537	ng/ul	99
53) Dibenzofuran	14.78	168	3659907	37.976	ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	929762	44.190	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.02	232	759282	43.268	ng/ul	96
56) Diethylphthalate	15.21	149	3055717	35.854	ng/ul	100
58) Fluorene	15.44	166	2785330	36.798	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	1393278	38.628	ng/ul	99
60) 4-Nitroaniline	15.47	138	768645	41.423	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.53	198	478435	46.621	ng/ul	98
64) N-Nitrosodiphenylamine	15.65	169	2546944	39.905	ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	911826	42.887	ng/ul	98
66) Hexachlorobenzene	16.45	284	978586	42.837	ng/ul	97
67) Atrazine	16.61	200	917474	40.635	ng/ul	99
68) Pentachlorophenol	16.79	266	556874	41.437	ng/ul	98
69) Phenanthrene	17.18	178	4327708	38.154	ng/ul	99
71) Anthracene	17.27	178	4372456	37.969	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	1320550	46.482	ng/uL	99
73) Pentachlorobenzene	14.71	250	1179688	44.834	ng/uL	99
74) Carbazole	17.55	167	3944703	38.025	ng/ul	100
75) Di-n-butylphthalate	18.11	149	5019066	37.018	ng/ul	100
76) Fluoranthene	19.21	202	4445576	36.713	ng/ul	99
79) Pyrene	19.58	202	4321044	44.341	ng/ul	99
80) Butylbenzylphthalate	20.48	149	2017483	46.068	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.27	252	1306525	42.765	ng/ul	99
82) Benzo(a)anthracene	21.34	228	3708093	38.344	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	2686844	42.327	ng/ul	97
84) Chrysene	21.39	228	3500771	38.814	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	4580426	47.574	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	3533593	38.555	ng/ul	98
88) Benzo(k)fluoranthene	23.00	252	3442495	40.851	ng/ul	100
90) Benzo(a)pyrene	23.54	252	3366102	38.946	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.95	276	3843551	37.898	ng/ul	99
92) Dibenzo(a,h)anthracene	25.95	278	3261273	38.623	ng/ul	99
93) Benzo(g,h,i)perylene	26.65	276	3202448	37.492	ng/ul	98

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

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