Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003849.D
Acq On : 12 Dec 2018 12:58
Operator : JU/SJ
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
Sohil
12/13/2018 6:12:29 PM

Quant Time: Dec 12 13:33:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 12:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	23507	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	120667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	77422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	187122	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	242269	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	290511	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12697	25.54	ng/uL	0.00
5) Phenol-d5	6.99	99	193142	99.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	100156	91.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	154806	93.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	161174	98.77	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	80473	86.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	93320	89.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	167668	83.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	147243	85.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	532011	82.90	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	650059	81.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	117410	91.25	ng/ul	0.02
57) Fluorene-d10	15.46	176	453690	84.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	114594	87.16	ng/ul	0.01
70) Anthracene-d10	17.32	188	736742	80.14	ng/ul	0.00
78) Pyrene-d10	19.61	212	854044	71.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.58	264	1244773	79.15	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	13204	24.105	ng/uL#	76
4) Benzaldehyde	6.98	77	37039	107.870	ng/ul	97
6) Phenol	7.02	94	192593	98.524	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	135166	89.685	ng/ul	98
10) 2-Chlorophenol	7.39	128	153372	91.878	ng/ul	99
11) 2-Methylphenol	8.27	108	149357	98.180	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	182222	91.496	ng/ul	100
14) Acetophenone	8.66	105	231092	94.785	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	114700	99.058	ng/ul	99
16) 4-Methylphenol	8.60	108	162083	96.515	ng/ul	92
17) Hexachloroethane	8.90	117	53345	84.365	ng/ul	96
20) Nitrobenzene	9.05	77	167167	84.592	ng/ul	99
21) Isophorone	9.56	82	342001	89.732	ng/ul	100
23) 2-Nitrophenol	9.75	139	96481	86.309	ng/ul	96
24) 2,4-Dimethylphenol	9.80	107	181778	85.797	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.04	93	202697	81.615	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	161373	82.857	ng/ul	98
28) Naphthalene	10.68	128	503037	79.846	ng/ul	100
30) 4-Chloroaniline	10.79	127	148222	85.756	ng/ul	99
31) Hexachlorobutadiene	10.95	225	87591	71.692	ng/ul	98
32) Caprolactam	11.58	113	64095m	107.410	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	181509	96.587	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	377102	84.907	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	190526	73.699	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	123574	71.218	ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	135854	82.809	ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	147403	81.499	ng/ul	98
40) 1,1'-Biphenyl	13.30	154	488973	78.579	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	384797	78.255	ng/ul	98
42) 2-Nitroaniline	13.56	65	118530	100.778	ng/ul	98
44) Dimethylphthalate	13.93	163	518350	82.236	ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	117596	93.138	ng/ul	95
47) Acenaphthylene	14.20	152	606898	80.757	ng/ul	100
48) 3-Nitroaniline	14.39	138	115571	92.910	ng/ul	96
49) Acenaphthene	14.54	153	427406	79.150	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	80574	97.190	ng/ul	100
52) 4-Nitrophenol	14.69	109	74122	92.582	ng/ul	97
53) Dibenzofuran	14.87	168	598052	78.637	ng/ul	98
54) 2,4-Dinitrotoluene	14.85	165	175465	91.764	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	139111	87.564	ng/ul	99
56) Diethylphthalate	15.29	149	532486	89.254	ng/ul	99
58) Fluorene	15.52	166	497665	85.166	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	245479	80.293	ng/ul	98
60) 4-Nitroaniline	15.56	138	138302	97.614	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.61	198	115453	85.412	ng/ul	97
64) N-Nitrosodiphenylamine	15.73	169	443075	77.726	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	170931	76.806	ng/ul	96
66) Hexachlorobenzene	16.52	284	207551	78.668	ng/ul	98
67) Atrazine	16.67	200	168592	81.749	ng/ul	98
68) Pentachlorophenol	16.86	266	130238	81.611	ng/ul	98
69) Phenanthrene	17.26	178	835364	80.033	ng/ul	99
71) Anthracene	17.35	178	855840	80.278	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	192845	68.338	ng/uL	98
73) Pentachlorobenzene	14.79	250	213105	69.113	ng/uL	99
74) Carbazole	17.62	167	800101	85.308	ng/ul	100
75) Di-n-butylphthalate	18.16	149	968251	86.321	ng/ul	100
76) Fluoranthene	19.27	202	1039651	86.964	ng/ul	100
79) Pyrene	19.64	202	1048946	71.212	ng/ul	100
80) Butylbenzylphthalate	20.53	149	492811	85.946	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.32	252	448500	86.527	ng/ul	99
82) Benzo(a)anthracene	21.39	228	1161730	78.623	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	723663	88.237	ng/ul	99
84) Chrysene	21.44	228	1072650	77.244	ng/ul	99
86) Di-n-octyl phthalate	22.19	149	1288686	76.451	ng/ul	98
87) Benzo(b)fluoranthene	23.02	252	1351928	75.441	ng/ul	98
88) Benzo(k)fluoranthene	23.07	252	1262371	73.598	ng/ul	98
90) Benzo(a)pyrene	23.63	252	1301577	78.253	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.10	276	1741216	87.614	ng/ul	97
92) Dibenzo(a,h)anthracene	26.11	278	1437225	85.986	ng/ul	98
93) Benzo(g,h,i)perylene	26.82	276	1452817	87.967	ng/ul	99

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

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