Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
Data File : BN002757.D
Acq On : 18 Sep 2018 17:59
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02057

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:12 PM

Quant Time: Sep 19 01:54:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:15:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	126444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	500422	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	260608	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	541468	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	583292	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	609068	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21625	7.89	ng/uL	0.00
5) Phenol-d5	6.83	99	200089	18.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	127696	19.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	168502	19.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	149379	17.96	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	74228	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	84726	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	152068	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	177314	19.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	387614	19.00	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	519785	19.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	57041	16.91	ng/ul	0.00
57) Fluorene-d10	15.28	176	346351	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	60901	17.98	ng/ul	0.00
70) Anthracene-d10	17.13	188	506097	19.58	ng/ul	0.00
78) Pyrene-d10	19.43	212	551313	17.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	618137	19.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	24237	7.910	ng/uL	95
4) Benzaldehyde	6.80	77	126388	21.530	ng/ul	97
6) Phenol	6.86	94	201445	18.605	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	156871	18.837	ng/ul	99
10) 2-Chlorophenol	7.22	128	166836	19.022	ng/ul	99
11) 2-Methylphenol	8.09	108	148722	18.291	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.17	45	241399	18.507	ng/ul	99
14) Acetophenone	8.46	105	230269	17.972	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	113150	17.573	ng/ul	99
16) 4-Methylphenol	8.42	108	157420	18.254	ng/ul	97
17) Hexachloroethane	8.70	117	67790	19.226	ng/ul	99
20) Nitrobenzene	8.84	77	176435	19.582	ng/ul	99
21) Isophorone	9.35	82	307085	18.474	ng/ul	98
23) 2-Nitrophenol	9.55	139	87757	19.321	ng/ul	98
24) 2,4-Dimethylphenol	9.61	107	169010	18.870	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.84	93	198591	18.987	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	149114	19.402	ng/ul	94
28) Naphthalene	10.46	128	506316	19.631	ng/ul	99
30) 4-Chloroaniline	10.59	127	181179	19.753	ng/ul	96
31) Hexachlorobutadiene	10.75	225	96462	19.649	ng/ul	97
32) Caprolactam	11.34	113	40002m	16.946	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	143694	18.336	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	342166	18.980	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	169545	19.584 ng/ul	99
37) Hexachlorocyclopentadiene	12.43	237	63869	16.486 ng/ul	98
38) 2,4,6-Trichlorophenol	12.71	196	103600	18.758 ng/ul	99
39) 2,4,5-Trichlorophenol	12.79	196	106765	18.457 ng/ul	97
40) 1,1'-Biphenyl	13.11	154	423961	19.751 ng/ul	100
41) 2-Chloronaphthalene	13.15	162	335231	19.905 ng/ul	99
42) 2-Nitroaniline	13.37	65	86080	18.408 ng/ul	98
44) Dimethylphthalate	13.75	163	381130	19.143 ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	76516	19.076 ng/ul	97
47) Acenaphthylene	14.00	152	493264	19.711 ng/ul	99
48) 3-Nitroaniline	14.20	138	75480	19.299 ng/ul	94
49) Acenaphthene	14.35	153	343476	19.377 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	29653	13.983 ng/ul	91
52) 4-Nitrophenol	14.53	109	38146	16.253 ng/ul	90
53) Dibenzofuran	14.69	168	478379	19.626 ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	109968	19.379 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.92	232	85392	18.649 ng/ul	96
56) Diethylphthalate	15.12	149	370875	19.013 ng/ul	100
58) Fluorene	15.33	166	379522	19.439 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	190569	19.520 ng/ul	96
60) 4-Nitroaniline	15.37	138	81201	19.582 ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.44	198	62160	18.174 ng/ul	94
64) N-Nitrosodiphenylamine	15.55	169	321081	19.109 ng/ul	98
65) 4-Bromophenyl-phenylether	16.23	248	113809	19.171 ng/ul	96
66) Hexachlorobenzene	16.35	284	125350	19.330 ng/ul	96
67) Atrazine	16.50	200	109946	19.131 ng/ul	99
68) Pentachlorophenol	16.70	266	49494m	16.386 ng/ul	
69) Phenanthrene	17.07	178	586131	19.647 ng/ul	100
71) Anthracene	17.17	178	599050	19.804 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	179533	19.408 ng/uL	99
73) Pentachlorobenzene	14.61	250	158198	19.154 ng/uL	98
74) Carbazole	17.44	167	525973	20.263 ng/ul	99
75) Di-n-butylphthalate	18.00	149	602895	19.357 ng/ul	100
76) Fluoranthene	19.10	202	674158	21.184 ng/ul	99
79) Pyrene	19.46	202	685425	17.773 ng/ul	98
80) Butylbenzylphthalate	20.37	149	275183	17.147 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.16	252	222143	18.858 ng/ul	98
82) Benzo(a)anthracene	21.22	228	686662	18.924 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	406249	17.437 ng/ul#	98
84) Chrysene	21.27	228	649401	19.094 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	708702	17.604 ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	704026	18.927 ng/ul	99
88) Benzo(k)fluoranthene	22.83	252	672089	19.367 ng/ul	98
90) Benzo(a)pyrene	23.35	252	678101	19.283 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	814871	19.573 ng/ul	99
92) Dibenzo(a,h)anthracene	25.67	278	679669	19.376 ng/ul	99
93) Benzo(g,h,i)perylene	26.33	276	674493	19.381 ng/ul	99

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

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