Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005555.D
Acq On : 09 May 2019 04:40
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02002

Manual Integrations APPROVED
Sohil
5/9/2019 2:35:40 PM

Quant Time: May 09 05:40:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	313897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1378079	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	893545	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2125961m	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1632040	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1414061	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	41670	6.41	ng/uL	0.00
5) Phenol-d5	6.78	99	447474	18.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	248517	16.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	368910	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	368927	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	192900	22.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	219910	25.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	413263	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	511634	25.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1220394	18.82	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1541796	19.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	196728	19.21	ng/ul	0.00
57) Fluorene-d10	15.22	176	1066184	19.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	179032m	18.72	ng/ul	0.00
70) Anthracene-d10	17.07	188	1663172	18.66	ng/ul	0.00
78) Pyrene-d10	19.39	212	1754627	21.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1176882	19.04	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	43297	6.192	ng/uL	97
4) Benzaldehyde	6.75	77	305409	17.481	ng/ul	97
6) Phenol	6.80	94	459754	18.130	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	355899	17.528	ng/ul	94
10) 2-Chlorophenol	7.16	128	373212	19.134	ng/ul	95
11) 2-Methylphenol	8.03	108	359942	18.942	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	493911	14.487	ng/ul#	94
14) Acetophenone	8.40	105	600395	19.466	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	294511	17.851	ng/ul#	88
16) 4-Methylphenol	8.36	108	395515	19.273	ng/ul	99
17) Hexachloroethane	8.65	117	159464	18.826	ng/ul	89
20) Nitrobenzene	8.78	77	438905	18.803	ng/ul	93
21) Isophorone	9.29	82	842686	18.233	ng/ul	96
23) 2-Nitrophenol	9.48	139	228733	23.475	ng/ul	99
24) 2,4-Dimethylphenol	9.54	107	438351	17.967	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	501720	17.274	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	396681	20.392	ng/ul	98
28) Naphthalene	10.40	128	1259759	19.664	ng/ul	99
30) 4-Chloroaniline	10.52	127	510394	24.652	ng/ul	100
31) Hexachlorobutadiene	10.68	225	285400	20.776	ng/ul	98
32) Caprolactam	11.27	113	134199m	22.801	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	430856	19.670	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	936281	19.960	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	549070	19.856 ng/ul	98
37) Hexachlorocyclopentadiene	12.37	237	227315	12.057 ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	344893	20.684 ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	368184	20.548 ng/ul	99
40) 1,1'-Biphenyl	13.05	154	1232756	18.516 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	961086	18.770 ng/ul	97
42) 2-Nitroaniline	13.30	65	274323	20.199 ng/ul	89
44) Dimethylphthalate	13.69	163	1193599	18.468 ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	258776	23.188 ng/ul#	87
47) Acenaphthylene	13.94	152	1482197	18.932 ng/ul	99
48) 3-Nitroaniline	14.14	138	259326	24.996 ng/ul	87
49) Acenaphthene	14.29	153	1000580	18.720 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	92060	16.935 ng/ul#	86
52) 4-Nitrophenol	14.46	109	154736	16.645 ng/ul	90
53) Dibenzofuran	14.63	168	1460967	18.985 ng/ul	97
54) 2,4-Dinitrotoluene	14.61	165	378420	23.522 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.86	232	324308	21.757 ng/ul	93
56) Diethylphthalate	15.06	149	1208666	18.650 ng/ul	98
58) Fluorene	15.28	166	1182918	19.699 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.27	204	623801	19.583 ng/ul	97
60) 4-Nitroaniline	15.31	138	278953	21.567 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.38	198	183937m	18.074 ng/ul	
64) N-Nitrosodiphenylamine	15.49	169	1041067	17.892 ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	412375	19.254 ng/ul	93
66) Hexachlorobenzene	16.29	284	449119	19.693 ng/ul	94
67) Atrazine	16.46	200	411058	18.976 ng/ul	99
68) Pentachlorophenol	16.63	266	242354	18.149 ng/ul	97
69) Phenanthrene	17.02	178	1906099m	18.410 ng/ul	
71) Anthracene	17.11	178	1948862	18.477 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	565303	18.205 ng/uL	98
73) Pentachlorobenzene	14.55	250	521786	18.670 ng/uL	98
74) Carbazole	17.39	167	1711253	18.887 ng/ul	98
75) Di-n-butylphthalate	17.96	149	2122887	18.674 ng/ul	99
76) Fluoranthene	19.05	202	2217416	19.308 ng/ul#	95
79) Pyrene	19.42	202	2171457	20.664 ng/ul#	93
80) Butylbenzylphthalate	20.35	149	934378	22.459 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.13	252	627725	19.251 ng/ul#	98
82) Benzo(a)anthracene	21.19	228	1841079	18.133 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	1345654	21.005 ng/ul#	96
84) Chrysene	21.25	228	1708333	18.130 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2163212	24.977 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	1461078	18.381 ng/ul#	97
88) Benzo(k)fluoranthene	22.80	252	1475968	19.442 ng/ul	98
90) Benzo(a)pyrene	23.32	252	1397917	18.710 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	1538603	18.626 ng/ul	96
92) Dibenzo(a,h)anthracene	25.61	278	1279723	18.254 ng/ul#	96
93) Benzo(g,h,i)perylene	26.26	276	1271703	18.618 ng/ul#	95

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

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