Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005747.D
Acq On : 18 May 2019 11:03
Operator : JU/SJ
Sample : SSTD04076
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD04076

Manual Integrations APPROVED
Sohil
5/21/2019 7:09:51 PM

Quant Time: May 18 13:05:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 11:54:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	111548	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	507289	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	346475	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	863828	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	901483	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	1052338	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	29558	12.79	ng/uL	0.00
5) Phenol-d5	6.77	99	344894	39.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	176068	32.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	278268	41.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	293590	42.87	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	146443	46.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	173278	54.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	332036	45.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	374206	50.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1049032	41.71	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1285070	41.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	153549	38.66	ng/ul	0.00
57) Fluorene-d10	15.22	176	899775	42.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	213800	55.03	ng/ul	0.00
70) Anthracene-d10	17.08	188	1486624	41.05	ng/ul	0.00
78) Pyrene-d10	19.39	212	1729120	37.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1831137	39.82	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	30295	12.192	ng/uL	94
4) Benzaldehyde	6.73	77	229955	37.039	ng/ul	93
6) Phenol	6.79	94	349162	38.746	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.01	93	256154	35.500	ng/ul	92
10) 2-Chlorophenol	7.15	128	283009	40.829	ng/ul	95
11) 2-Methylphenol	8.02	108	273038	40.435	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	329899	27.230	ng/ul#	91
14) Acetophenone	8.39	105	462133	42.163	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.38	70	225166	38.405	ng/ul	92
16) 4-Methylphenol	8.35	108	306509	42.030	ng/ul	96
17) Hexachloroethane	8.63	117	116555	38.722	ng/ul	85
20) Nitrobenzene	8.76	77	332985	38.752	ng/ul	92
21) Isophorone	9.29	82	658025	38.677	ng/ul	96
23) 2-Nitrophenol	9.47	139	178705	49.822	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	362775	40.393	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	373702	34.952	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	321805	44.940	ng/ul	97
28) Naphthalene	10.39	128	936221	39.699	ng/ul	100
30) 4-Chloroaniline	10.51	127	377131	49.483	ng/ul	99
31) Hexachlorobutadiene	10.67	225	219460	43.399	ng/ul	98
32) Caprolactam	11.28	113	111753m	51.581	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	348615	43.236	ng/ul	95
34) 2-Methylnaphthalene	12.01	142	730593	42.310	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	446957	41.684 ng/ul#	95
37) Hexachlorocyclopentadiene	12.36	237	124074	16.972 ng/ul	98
38) 2,4,6-Trichlorophenol	12.64	196	280898	43.445 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	291360	41.936 ng/ul	99
40) 1,1'-Biphenyl	13.04	154	1005435	38.947 ng/ul#	97
41) 2-Chloronaphthalene	13.08	162	796092	40.096 ng/ul	96
42) 2-Nitroaniline	13.30	65	237236	45.049 ng/ul	88
44) Dimethylphthalate	13.68	163	1027509	41.000 ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	225511	52.114 ng/ul	92
47) Acenaphthylene	13.93	152	1242345	40.923 ng/ul	99
48) 3-Nitroaniline	14.14	138	209348	52.039 ng/ul#	87
49) Acenaphthene	14.28	153	831838	40.137 ng/ul	99
50) 2,4-Dinitrophenol	14.38	184	115824	54.948 ng/ul	90
52) 4-Nitrophenol	14.47	109	145198	40.280 ng/ul	96
53) Dibenzofuran	14.62	168	1236538	41.440 ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	336407	53.927 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.86	232	272015	47.062 ng/ul#	92
56) Diethylphthalate	15.06	149	1039770	41.377 ng/ul	97
58) Fluorene	15.27	166	1004598	43.145 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	543138	43.973 ng/ul	98
60) 4-Nitroaniline	15.32	138	229866	45.834 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.40	198	213469	51.625 ng/ul	92
64) N-Nitrosodiphenylamine	15.49	169	890699	37.674 ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	361556	41.546 ng/ul	93
66) Hexachlorobenzene	16.29	284	395857	42.718 ng/ul	96
67) Atrazine	16.45	200	367462	41.749 ng/ul	98
68) Pentachlorophenol	16.64	266	181338	33.421 ng/ul	99
69) Phenanthrene	17.02	178	1682676	39.997 ng/ul	100
71) Anthracene	17.11	178	1733302	40.444 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	462015	36.617 ng/uL	99
73) Pentachlorobenzene	14.55	250	452991	39.890 ng/uL	97
74) Carbazole	17.39	167	1543248	41.919 ng/ul	98
75) Di-n-butylphthalate	17.96	149	1826715	39.546 ng/ul	100
76) Fluoranthene	19.06	202	2117154	45.371 ng/ul#	93
79) Pyrene	19.43	202	2169893	37.384 ng/ul#	90
80) Butylbenzylphthalate	20.35	149	891599	38.798 ng/ul	89
81) 3,3'-Dichlorobenzidine	21.14	252	801902	44.522 ng/ul#	96
82) Benzo(a)anthracene	21.20	228	2221137	39.606 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	1234831	34.896 ng/ul#	96
84) Chrysene	21.26	228	2071993	39.809 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2200653m	34.144 ng/ul	
87) Benzo(b)fluoranthene	22.79	252	2230813	37.711 ng/ul#	96
88) Benzo(k)fluoranthene	22.83	252	2208156	39.085 ng/ul#	97
90) Benzo(a)pyrene	23.35	252	2191788	39.419 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.66	276	2689761	43.754 ng/ul#	93
92) Dibenzo(a,h)anthracene	25.66	278	2270619	43.522 ng/ul#	94
93) Benzo(g,h,i)perylene	26.33	276	2282746	44.908 ng/ul#	91

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

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