Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052819\
Data File : BN005910.D
Acq On : 29 May 2019 00:24
Operator : JU/SJ
Sample : SSTD08085
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08085

Manual Integrations APPROVED
Sohil
5/29/2019 6:36:08 AM

Quant Time: May 29 01:00:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 00:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	449127	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2131376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1239440	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2751878	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2309983	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2776821	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	305484	38.08	ng/uL	0.00
5) Phenol-d5	6.90	99	3182927	91.71	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	1774737	98.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	2431131	87.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	2548786	85.87	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	1185859	76.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	1221118	68.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	2406975	70.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	3066727	80.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	6661649	69.85	ng/ul	0.01
46) Acenaphthylene-d8	14.07	160	8290948	71.55	ng/ul	0.01
51) 4-Nitrophenol-d4	14.59	143	1409274	104.90	ng/ul	0.02
57) Fluorene-d10	15.37	176	5437959	66.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	1083856	65.53	ng/ul	0.02
70) Anthracene-d10	17.23	188	8181242	68.82	ng/ul	0.01
78) Pyrene-d10	19.53	212	8700907	76.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	9401107	75.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	330154	39.094	ng/uL	91
4) Benzaldehyde	6.88	77	1875596	74.648	ng/ul	98
6) Phenol	6.93	94	3258356	92.091	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.16	93	2481435	95.704	ng/ul	92
10) 2-Chlorophenol	7.30	128	2450557	86.703	ng/ul	95
11) 2-Methylphenol	8.17	108	2508933	89.308	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	3273151	96.005	ng/ul#	92
14) Acetophenone	8.55	105	3663168	77.082	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.56	70	1900810	82.831	ng/ul	87
16) 4-Methylphenol	8.51	108	2738664	88.573	ng/ul	99
17) Hexachloroethane	8.80	117	958581	79.040	ng/ul	89
20) Nitrobenzene	8.93	77	2833171	79.219	ng/ul	93
21) Isophorone	9.46	82	5711098	80.095	ng/ul	98
23) 2-Nitrophenol	9.63	139	1356424	72.930	ng/ul	95
24) 2,4-Dimethylphenol	9.70	107	2897398	75.437	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.94	93	3505175	86.936	ng/ul	100
27) 2,4-Dichlorophenol	10.16	162	2321006	70.752	ng/ul	99
28) Naphthalene	10.57	128	7470287	73.371	ng/ul	100
30) 4-Chloroaniline	10.68	127	3065913	80.073	ng/ul	99
31) Hexachlorobutadiene	10.85	225	1262301	52.754	ng/ul	96
32) Caprolactam	11.47	113	923067m	76.795	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	2767320	74.578	ng/ul	94
34) 2-Methylnaphthalene	12.18	142	5354817	68.102	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	2529987	63.401 ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	1623642	130.552 ng/ul	100
38) 2,4,6-Trichlorophenol	12.80	196	1761624	71.316 ng/ul	98
39) 2,4,5-Trichlorophenol	12.87	196	1942124	74.845 ng/ul	99
40) 1,1'-Biphenyl	13.20	154	6659723	73.893 ng/ul	98
41) 2-Chloronaphthalene	13.25	162	5159699	72.482 ng/ul	99
42) 2-Nitroaniline	13.45	65	1718001	83.724 ng/ul	89
44) Dimethylphthalate	13.84	163	6578835	69.967 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	1440591	72.709 ng/ul	97
47) Acenaphthylene	14.10	152	7933475	71.101 ng/ul	97
48) 3-Nitroaniline	14.29	138	1452838	83.219 ng/ul	93
49) Acenaphthene	14.44	153	5487932	72.589 ng/ul	98
50) 2,4-Dinitrophenol	14.49	184	704141	69.064 ng/ul	90
52) 4-Nitrophenol	14.60	109	1073136	85.528 ng/ul	87
53) Dibenzofuran	14.77	168	7586390	67.634 ng/ul	98
54) 2,4-Dinitrotoluene	14.75	165	2077688	69.978 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.00	232	1600689	66.435 ng/ul	98
56) Diethylphthalate	15.22	149	6813321	71.595 ng/ul	99
58) Fluorene	15.43	166	5550933	60.840 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	2697553	54.195 ng/ul	96
60) 4-Nitroaniline	15.47	138	1721681	88.460 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.52	198	1161877	70.122 ng/ul	98
64) N-Nitrosodiphenylamine	15.64	169	5443617	76.433 ng/ul	97
65) 4-Bromophenyl-phenylether	16.32	248	1910692	66.306 ng/ul	98
66) Hexachlorobenzene	16.43	284	2071026	64.063 ng/ul	99
67) Atrazine	16.60	200	2085532	69.786 ng/ul	99
68) Pentachlorophenol	16.77	266	1372481	92.019 ng/ul	98
69) Phenanthrene	17.17	178	9333565	68.423 ng/ul	97
71) Anthracene	17.26	178	9283233	66.838 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	2660401	72.112 ng/uL	97
73) Pentachlorobenzene	14.69	250	2394053	65.795 ng/uL	98
74) Carbazole	17.53	167	9167025	74.861 ng/ul	97
75) Di-n-butylphthalate	18.10	149	10950039	74.859 ng/ul	97
76) Fluoranthene	19.19	202	10550219	62.557 ng/ul#	92
79) Pyrene	19.56	202	10232949	72.138 ng/ul#	89
80) Butylbenzylphthalate	20.47	149	5316899	91.489 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.25	252	3431932	70.728 ng/ul	99
82) Benzo(a)anthracene	21.32	228	10459798	71.875 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.25	149	6347674	76.983 ng/ul#	98
84) Chrysene	21.37	228	9468898	69.021 ng/ul	95
86) Di-n-octyl phthalate	22.15	149	12244783	82.645 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	11538310	75.530 ng/ul	97
88) Benzo(k)fluoranthene	22.97	252	10066973	68.106 ng/ul#	95
90) Benzo(a)pyrene	23.51	252	10611852	71.737 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.89	276	12475629	68.981 ng/ul#	92
92) Dibenzo(a,h)anthracene	25.90	278	10177586	66.852 ng/ul	98
93) Benzo(g,h,i)perylene	26.59	276	10705097	70.811 ng/ul#	93

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

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