Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022719\
Data File : BN004553.D
Acq On : 28 Feb 2019 07:04
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02087

Manual Integrations APPROVED
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2/28/2019 1:29:59 PM

Quant Time: Feb 28 07:48:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 28 06:33:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	57530	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	265145	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.37	164	169089	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.12	188	420220	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	499114	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	570649	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	8739	9.13	ng/uL	-0.01
5) Phenol-d5	6.89	99	94801	18.49	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	50960	19.81	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	83821	20.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	84176	19.10	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	41263	23.51	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	46883	25.59	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.13	165	94158	22.67	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	108813	23.69	ng/ul	-0.02
44) Dimethylphthalate-d6	13.78	166	299510	20.89	ng/ul	-0.02
47) Acenaphthylene-d8	14.06	160	366284	21.56	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.57	143	56269	20.50	ng/ul	0.00
58) Fluorene-d10	15.37	176	250952	19.88	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	52982	21.62	ng/ul	0.00
71) Anthracene-d10	17.22	188	429602	21.33	ng/ul	-0.01
79) Pyrene-d10	19.52	212	468354	20.94	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.45	264	634565	21.19	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	9768	8.296	ng/uL	95
4) Benzaldehyde	6.89	77	58233	19.785	ng/ul	98
6) Phenol	6.92	94	92980	18.163	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	68135	18.606	ng/ul	99
10) 2-Chlorophenol	7.29	128	82101	19.833	ng/ul	100
11) 2-Methylphenol	8.16	108	76231	18.618	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	79764	18.378	ng/ul	99
14) Acetophenone	8.55	105	131838	20.074	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	58286	20.688	ng/ul	99
16) 4-Methylphenol	8.49	108	84506	18.647	ng/ul	97
17) Hexachloroethane	8.80	117	29561	20.396	ng/ul	92
20) Nitrobenzene	8.93	77	82099	21.378	ng/ul	99
21) Isophorone	9.45	82	170754	21.705	ng/ul	100
23) 2-Nitrophenol	9.64	139	50043	24.348	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	100725	21.726	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.93	93	105603	20.688	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	91968	22.423	ng/ul	100
28) Naphthalene	10.57	128	278335	20.360	ng/ul	99
30) 4-Chloroaniline	10.68	127	104946	22.822	ng/ul	100
31) Hexachlorobutadiene	10.83	225	60106	22.667	ng/ul	98
32) Caprolactam	11.45	113	31039m	22.412	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	95045	21.486	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	210376	20.062	ng/ul	98

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35) 1-Methylnaphthalene	12.40	142	205281	19.851	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	126809	22.528	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	55273	15.793	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	77768	23.382	ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	86748	23.217	ng/ul	98
41) 1,1'-Biphenyl	13.20	154	276353	20.227	ng/ul	99
42) 2-Chloronaphthalene	13.25	162	213680	20.107	ng/ul	100
43) 2-Nitroaniline	13.46	65	52071	24.003	ng/ul	100
45) Dimethylphthalate	13.83	163	286453	20.207	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	58676	23.476	ng/ul	97
48) Acenaphthylene	14.09	152	337719	20.935	ng/ul	100
49) 3-Nitroaniline	14.29	138	57670	22.608	ng/ul	98
50) Acenaphthene	14.44	153	250722	21.576	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	34185	21.985	ng/ul	98
53) 4-Nitrophenol	14.59	109	41661	20.409	ng/ul	96
54) Dibenzofuran	14.77	168	351407	20.906	ng/ul	100
55) 2,4-Dinitrotoluene	14.75	165	87066	22.206	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.99	232	83271	24.426	ng/ul	99
57) Diethylphthalate	15.20	149	286519	20.481	ng/ul	99
59) Fluorene	15.42	166	276517	20.300	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.42	204	146040	20.261	ng/ul	98
61) 4-Nitroaniline	15.46	138	70299	21.176	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.50	198	54549	21.174	ng/ul	100
65) N-Nitrosodiphenylamine	15.63	169	254965	21.186	ng/ul	99
66) 4-Bromophenyl-phenylether	16.31	248	104826	22.325	ng/ul	100
67) Hexachlorobenzene	16.42	284	119775	21.777	ng/ul	97
68) Atrazine	16.59	200	94970	20.490	ng/ul	99
69) Pentachlorophenol	16.76	266	72215	22.525	ng/ul	98
70) Phenanthrene	17.16	178	453485	19.450	ng/ul	100
72) Anthracene	17.25	178	483762	20.609	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	120800	20.958	ng/uL	99
74) Pentachlorobenzene	14.69	250	134393	21.814	ng/uL	98
75) Carbazole	17.53	167	423379	20.188	ng/ul	99
76) Di-n-butylphthalate	18.09	149	496623	21.570	ng/ul	100
77) Fluoranthene	19.19	202	567958	19.788	ng/ul	97
80) Pyrene	19.55	202	572433	20.739	ng/ul	98
81) Butylbenzylphthalate	20.45	149	232044	24.465	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	221349	21.144	ng/ul	99
83) Benzo(a)anthracene	21.30	228	626365	20.362	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	343996	24.197	ng/ul	100
85) Chrysene	21.36	228	584987	20.032	ng/ul	99
87) Di-n-octyl phthalate	22.12	149	622382	22.780	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	662039	19.590	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	713470	21.716	ng/ul	100
91) Benzo(a)pyrene	23.49	252	657139	19.928	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.87	276	761067	18.176	ng/ul	97
93) Dibenzo(a,h)anthracene	25.89	278	641421	18.412	ng/ul	98
94) Benzo(g,h,i)perylene	26.58	276	611578	17.427	ng/ul	98

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

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