Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021919\
Data File : BN004459.D
Acq On : 19 Feb 2019 14:50
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02076

Quant Time: Feb 20 04:31:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	26031	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	129488	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	83344	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	207462	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	285527	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	361261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	3323	7.68	ng/uL	0.00
5) Phenol-d5	6.90	99	44554	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	21733	18.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	39115	20.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	39110	19.61	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	18775	21.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	20630	23.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	43939	21.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	49315	21.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	142576	20.17	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	178561	21.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	26663	19.71	ng/ul	0.00
58) Fluorene-d10	15.37	176	129428	20.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	22620	18.70	ng/ul	0.00
71) Anthracene-d10	17.23	188	210344	21.16	ng/ul	0.00
79) Pyrene-d10	19.53	212	261285	20.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	397319	20.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	3767	7.071	ng/uL#	92
4) Benzaldehyde	6.89	77	27807	20.880	ng/ul	99
6) Phenol	6.92	94	44718	19.305	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	31209	18.835	ng/ul	100
10) 2-Chlorophenol	7.30	128	38448	20.527	ng/ul	99
11) 2-Methylphenol	8.17	108	36176	19.526	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	37437	19.063	ng/ul	99
14) Acetophenone	8.56	105	59330	19.965	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	25963	20.366	ng/ul	98
16) 4-Methylphenol	8.50	108	39741	19.380	ng/ul	93
17) Hexachloroethane	8.81	117	14591	22.249	ng/ul	91
20) Nitrobenzene	8.95	77	39724	21.181	ng/ul	100
21) Isophorone	9.46	82	80117	20.853	ng/ul	99
23) 2-Nitrophenol	9.65	139	22415	22.332	ng/ul	99
24) 2,4-Dimethylphenol	9.70	107	47150	20.825	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	47937	19.229	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	42122	21.029	ng/ul	99
28) Naphthalene	10.58	128	136867	20.501	ng/ul	98
30) 4-Chloroaniline	10.69	127	48987	21.813	ng/ul	99
31) Hexachlorobutadiene	10.85	225	28765	22.212	ng/ul	97
32) Caprolactam	11.45	113	13798	20.400	ng/ul	99
33) 4-Chloro-3-methylphenol	11.80	107	45973	21.281	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	104633	20.432	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	102643	20.325	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	60010	21.629	ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	34233	19.845	ng/ul	99
39) 2,4,6-Trichlorophenol	12.80	196	37102	22.632	ng/ul	100
40) 2,4,5-Trichlorophenol	12.87	196	40918	22.218	ng/ul	98
41) 1,1'-Biphenyl	13.21	154	137355	20.396	ng/ul	99
42) 2-Chloronaphthalene	13.25	162	108555	20.724	ng/ul	99
43) 2-Nitroaniline	13.47	65	24104	22.542	ng/ul	98
45) Dimethylphthalate	13.84	163	138181	19.775	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	26929	21.859	ng/ul	98
48) Acenaphthylene	14.10	152	166646	20.959	ng/ul	99
49) 3-Nitroaniline	14.30	138	27412	21.802	ng/ul	97
50) Acenaphthene	14.45	153	119097	20.793	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	13594	17.737	ng/ul	96
53) 4-Nitrophenol	14.59	109	20325	20.200	ng/ul	98
54) Dibenzofuran	14.78	168	170043	20.524	ng/ul	98
55) 2,4-Dinitrotoluene	14.75	165	40937	21.183	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.00	232	37547	22.345	ng/ul	99
57) Diethylphthalate	15.20	149	141023	20.452	ng/ul	99
59) Fluorene	15.43	166	140430	20.916	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	73551	20.703	ng/ul	97
61) 4-Nitroaniline	15.46	138	33892	20.712	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.51	198	23755	18.677	ng/ul	98
65) N-Nitrosodiphenylamine	15.65	169	122429	20.606	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	49864	21.511	ng/ul	99
67) Hexachlorobenzene	16.43	284	58800	21.655	ng/ul	98
68) Atrazine	16.59	200	48167	21.049	ng/ul	99
69) Pentachlorophenol	16.77	266	33146	20.942	ng/ul	99
70) Phenanthrene	17.17	178	237639	20.645	ng/ul	100
72) Anthracene	17.26	178	243327	20.997	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	60867	21.390	ng/uL	99
74) Pentachlorobenzene	14.69	250	64213	21.112	ng/uL	99
75) Carbazole	17.54	167	218259	21.080	ng/ul	100
76) Di-n-butylphthalate	18.09	149	254456	22.386	ng/ul	100
77) Fluoranthene	19.19	202	312524	22.055	ng/ul	99
80) Pyrene	19.56	202	318337	20.161	ng/ul	99
81) Butylbenzylphthalate	20.46	149	132899	24.493	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	136294	22.758	ng/ul	99
83) Benzo(a)anthracene	21.32	228	366012	20.799	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	202018	24.840	ng/ul	99
85) Chrysene	21.37	228	337944	20.229	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	369302	21.351	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	422515	19.748	ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	409940	19.710	ng/ul	99
91) Benzo(a)pyrene	23.50	252	422590	20.242	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	567152	21.396	ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	472037	21.404	ng/ul	98
94) Benzo(g,h,i)perylene	26.60	276	473607	21.318	ng/ul	97

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

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