Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004640.D
Acq On : 07 Mar 2019 17:09
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02023

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Quant Time: Mar 08 00:53:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 00:36:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	31577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	149115	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	94246	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	224556	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	260562	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	263101	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4445	7.94	ng/uL	0.00
5) Phenol-d5	6.88	99	49745	19.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	26468	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	43948	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	44206	19.48	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	22464	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	25410	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	48578	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	58751	19.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	161726	19.85	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	193843	19.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	29599	19.57	ng/ul	0.00
58) Fluorene-d10	15.36	176	136584	19.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	29381	18.95	ng/ul	0.00
71) Anthracene-d10	17.21	188	215692	19.72	ng/ul	0.00
79) Pyrene-d10	19.52	212	244249	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	277687	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	4954	7.181	ng/uL	95
4) Benzaldehyde	6.88	77	33511	19.836	ng/ul	98
6) Phenol	6.91	94	51500	19.393	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.15	93	38453	19.673	ng/ul	98
10) 2-Chlorophenol	7.28	128	44346	19.411	ng/ul	100
11) 2-Methylphenol	8.16	108	41405	19.415	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.24	45	45422m	20.149	ng/ul	
14) Acetophenone	8.55	105	68666	20.178	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	32781	20.404	ng/ul	99
16) 4-Methylphenol	8.48	108	46295	19.526	ng/ul	96
17) Hexachloroethane	8.79	117	16809	19.646	ng/ul	97
20) Nitrobenzene	8.92	77	45927	19.678	ng/ul	100
21) Isophorone	9.44	82	96236	19.902	ng/ul	99
23) 2-Nitrophenol	9.63	139	27809	19.923	ng/ul	99
24) 2,4-Dimethylphenol	9.68	107	53633	19.909	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.92	93	57865	19.659	ng/ul	100
27) 2,4-Dichlorophenol	10.15	162	47822	19.748	ng/ul	99
28) Naphthalene	10.56	128	152125	19.580	ng/ul	99
30) 4-Chloroaniline	10.68	127	60334	20.110	ng/ul	99
31) Hexachlorobutadiene	10.82	225	31701	19.697	ng/ul	100
32) Caprolactam	11.44	113	16112m	19.641	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	52051	20.046	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	115460	19.832	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	108570	19.859	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	63801	19.251	ng/ul	98
38) Hexachlorocyclopentadiene	12.51	237	42301	18.528	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	41946	19.649	ng/ul	98
40) 2,4,5-Trichlorophenol	12.85	196	46415	19.862	ng/ul	96
41) 1,1'-Biphenyl	13.19	154	156341	19.718	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	119456	19.815	ng/ul	100
43) 2-Nitroaniline	13.45	65	29936	20.298	ng/ul	98
45) Dimethylphthalate	13.82	163	158549	19.830	ng/ul	100
46) 2,6-Dinitrotoluene	13.95	165	32647	20.166	ng/ul	96
48) Acenaphthylene	14.09	152	190264	19.849	ng/ul	100
49) 3-Nitroaniline	14.28	138	31790	20.252	ng/ul	96
50) Acenaphthene	14.43	153	129654	19.788	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	18821	17.938	ng/ul	99
53) 4-Nitrophenol	14.58	109	21941	19.966	ng/ul	98
54) Dibenzofuran	14.76	168	186823	19.850	ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	48910	20.453	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.99	232	42737	19.760	ng/ul	99
57) Diethylphthalate	15.19	149	161310	19.909	ng/ul	99
59) Fluorene	15.42	166	149253	19.764	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.41	204	79492	19.828	ng/ul	99
61) 4-Nitroaniline	15.45	138	36639	19.885	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.50	198	31091	19.021	ng/ul	97
65) N-Nitrosodiphenylamine	15.63	169	134553	19.675	ng/ul	100
66) 4-Bromophenyl-phenylether	16.30	248	53570	19.440	ng/ul	97
67) Hexachlorobenzene	16.41	284	61379	19.405	ng/ul	98
68) Atrazine	16.57	200	51696	19.790	ng/ul	99
69) Pentachlorophenol	16.76	266	36579	18.556	ng/ul	99
70) Phenanthrene	17.16	178	245052	19.624	ng/ul	99
72) Anthracene	17.25	178	250256	19.615	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	64113	19.235	ng/uL	100
74) Pentachlorobenzene	14.67	250	68566	19.294	ng/uL	99
75) Carbazole	17.52	167	224254	20.240	ng/ul	100
76) Di-n-butylphthalate	18.07	149	271842	19.785	ng/ul	100
77) Fluoranthene	19.17	202	297138	20.639	ng/ul	98
80) Pyrene	19.54	202	302650	19.159	ng/ul	99
81) Butylbenzylphthalate	20.45	149	125198	19.304	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.23	252	120534	19.594	ng/ul	99
83) Benzo(a)anthracene	21.30	228	319038	19.463	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	183829	19.504	ng/ul	99
85) Chrysene	21.35	228	297304	19.532	ng/ul	99
87) Di-n-octyl phthalate	22.10	149	317826	18.721	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	319037	19.537	ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	310884	19.360	ng/ul	100
91) Benzo(a)pyrene	23.47	252	300972	19.592	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.85	276	324925	19.417	ng/ul	98
93) Dibenzo(a,h)anthracene	25.86	278	275772	19.587	ng/ul	99
94) Benzo(g,h,i)perylene	26.55	276	262006	19.252	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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